

# Applied Human Biology

<b>Qualification</b>	BTEC Level 3
<b>Awarding Body</b>	Edexcel
<b>Entry Requirements</b>	<u>5 or more A*- C GCSE (Max 2 equivalents) including Science.</u>

## Course Overview

### **Brief Description:**

In this qualification learners will study applied human biology which forms the foundation of the health and health science sectors. The sectors are wide ranging, including, for example, nursing, midwifery, allied health and sciences including life sciences, clinical biomedical sciences and physiological sciences. There are approximately 50,000 people employed in applied health science occupations and over 3 million nurses in the UK.

### **Course Summary:**

The course is assessed internally and externally via the production of a portfolio of material built up from tasks set for the modules below.

There are 3 mandatory units studied across years 12 and 13:

- Unit 1: Principles of Applied Human Biology
- Unit 2: Practical Microbiology and Infectious Diseases
- Unit 3: Human Biology and Health Issues.

Learners will also choose one optional unit, which has been designed to support progression to applied human biology, health and health science courses in higher education. This will allow learners to choose a specific specialist area in which they wish to develop their knowledge and skills, such as:

- Unit 4: Functional Physiology
- Unit 5: Diseases, Disorders, Treatments and Therapies
- Unit 6: Genetics and Genetic Engineering
- Unit 7: Biomedical Science
- Unit 8: Human Reproduction and Fertility

To gain a pass in the course all the tasks set from each module have to be completed to a minimum of a pass level.

This is a 2 year course and is equivalent to 1 A level.

### **How it will be assessed**

The styles of external assessment used for qualifications in the Applied Human Biology suite are:

- examinations – all learners take the same assessment at the same time, normally with a written outcome.
- set tasks – learners take the assessment during a defined window and demonstrate understanding through completion of a vocational task

In internal assessments, learners could be given opportunities to:

- write up the findings of their own research
- use case studies to explore complex or unfamiliar situations
- carry out projects for which they have choice over the direction and outcomes
- demonstrate practical and technical skills using appropriate equipment and processes.

### **Progression Routes and Career Opportunities**

Applied Human Biology is intended to be an applied General qualification for post-16 students wanting to continue their education through applied learning, and who aim to progress to higher education and ultimately to employment, possibly in the health and health science sectors. Potential career choices include nursing, midwifery, paramedic science, biology and biomedical science.

### **Additional Information**

Applied human biology will support your study of subjects like psychology, maths, criminology and geography. But study it with a language or an essay subject like English at A-level and you might have even more choices for your career.