

## POST 16 SUBJECT OVERVIEW

### Post 16 Subject Overview

#### Name of Subject

BTEC Level 3 National Extended Certificate in Applied Human Biology

#### Which Examination Specification is Studied for this Course?

Pearson

#### Why should I study this course?

Biology is the study of living organisms, so Human Biology focuses on the way the human body works. Students who enjoyed the elements of human biology when studying GCSE are therefore given the chance to specialise in this area by taking this course.

A qualification in Human Biology can lead to many different career paths. Here are a small selection:

- Dental assistant
- Nursing
- Pharmacy technician
- Food Scientist

#### Who is suitable to study this course?

Students who enjoyed studying Biology at GCSE will enjoy this course. It links well with Chemistry or BTEC Sport for those who may wish to study Sports Science in the future.

#### What GCSE Qualifications Support the Study of this Course?

Students need to have passed GCSE science or GCSE Biology.

#### What are the Qualification Requirements for this Course?

GCSE combined Science (Grade 4/4) or Triple Science (Grade 4/4/4).  
GCSE English and Maths at Grade 4 are also required.

#### How is the Course Delivered? -

*Students have 5 hours in the classroom each week, with a similar amount of time dedicated to independent study.*

<b>Subject Overview</b>		
<b>Half Term</b>	<b>Year 12</b>	<b>Year 13</b>
<b>Autumn 1</b>	Principles of Applied Human Biology. Practical microbiology and infectious disease	Biomedical Science
<b>Autumn 2</b>	Principles of Applied Human Biology. Practical microbiology and infectious disease	Biomedical Science
<b>Spring 1</b>	Functional Physiology.	Genetics and genetic engineering.
<b>Spring 2</b>	Functional Physiology.	Genetics and genetic engineering



<b>Summer 1</b>	Diseases, disorders, Treatments and Therapies	Human reproduction and fertility
<b>Summer 2</b>	Diseases, disorders, Treatments and Therapies	Human reproduction and fertility

### **How is the Course Assessed?**

The course is assessed through a combination of internal and external assessment.

The internal assessment involves completing coursework assignments. These involve writing up research, using case studies to explore unfamiliar situations, completing projects, and demonstrating practical skills.

The external assessment includes a mixture of examinations and set tasks. The examinations are available twice a year and you are able to re-sit if you need to.

### **What is our Recommended Subject Reading list to Support your Study?**

#### Textbooks

A-level Biology Textbooks can be used to support this course

#### Websites

- apbi – resources for teaching cell biology  
<http://abpischools.org.uk/page/modules/cellbiology/.cfm?age=Age%20range%2016-19&subject=Science>
- The A level Biologist  
<http://www.thealevelbiologist.co.uk/>
- S-cool – resources for many topics covered by this course

<http://www.s-cool.co.uk/a-level/biology>

