



BTEC Higher National Certificate (HNC) Applied Biology (Part-time) - S004

This level 4 course gives you the knowledge, understanding and skills required for success in employment in the biologically-based life-science industry or for progression to a degree or further professional qualification.

This Applied Biology course is taught at our multi-million pound [Twelve Quays campus](#) in Birkenhead.

COURSE DETAILS

Students must undertake a total of eight units to achieve a HNC in Applied Sciences (Biology), consisting of five mandatory core units and three optional units. A list of these can be found below:

Core Mandatory Units:

- Fundamentals of Laboratory Techniques
- Scientific Data Handling Approaches and Techniques
- Regulation and Quality in the Applied Sciences

Specialist Mandatory Units:

- Cell Biology
- Fundamentals of Chemistry
- Anatomy and Human Physiology

Optional Units:

- Principles of Ecology and their Applications
- Managing Environmental Resources
- Fundamentals of Biochemistry

- Microbiological Techniques
- Managing Scientific Projects
- Sampling and Sample Preparations
- Personal and Professional Development for Scientists

Detailed descriptions of all units, which also include recommended resources for that unit, can be found via Pearson's website.

By studying for a third year, candidates who wish to can convert their HNC Diploma into a HND Diploma by taking a further 8 units (16 units in total).

ENTRY GUIDELINES

Relevant academic qualifications, for example 2 A Levels (Grades A*-E), one of which must be Biology or a BTEC Level 3 Diploma/National Diploma in Applied Science which contains biology units.

ASSESSMENT METHOD

For each unit, students are assessed through coursework and practical assignments which contribute to a pass, merit or distinction grade for each unit. This qualification will have an overall grade of pass, merit or distinction.

ADDITIONAL INFORMATION

The mode of delivery of this qualification depends on the number of students in the class.

For timetabled sessions, students will be based at the College's Twelve Quays Campus.

The College's term dates are available on our website. However, these may differ according to the programme's assessment calendar. Assessment calendars and timetables of study are typically available in respective course handbooks, accessible through the College Virtual Campus following enrolment.

Pearson BTEC Higher National qualifications are designated Higher Education qualifications in the UK. They are aligned to the Framework for Higher Education Qualifications (FHEQ) in England, Wales and Northern Ireland, and Quality Assurance Agency (QAA) Subject Sector Benchmarks. These qualifications are part of the UK Regulated Qualifications Framework (RQF).

WHERE CAN I PROGRESS TO?

This qualification enhances job opportunities in laboratory work and a range of related careers. It can also lead to more advanced Higher Education courses such as the Level 5 HND Diploma in Applied Biology or Biotechnology and to a Level 5 Higher Level Apprenticeship in Life Sciences.

Explore potential careers via [Career Match](#) — it provides current local data on wages and employment prospects.

WHEN DOES THIS COURSE RUN?

For advice and guidance, please contact Student Services via our [online enquiry form](#)

This information was current on 23rd September, 2020 and may be subject to change.