



BTEC Higher National Diploma (HND) Applied Chemistry (HNC 1 Year Conversion) (Part-time) - S010

This level 5 course is suitable for employees from science based industries and for those who wish to upgrade their HNC to HND and require flexible study. Those who undertook a 2 year HNC may do this course to top up to HND in 1 year.

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

COURSE DETAILS

The course is designed to increase knowledge and skills in the subject of chemistry. It is a level 5 qualification and will be at least 240 credits. Following full completion of the HNC in Applied Chemistry, students will undertake additional core and optional top up units to achieve 240 credits. (Please note that the number of additional units needed to convert an HNC to an HND depends on whether the HNC was the current 8 unit or previous specification 10 unit qualification).

Core Units:

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Chemical Laboratory Techniques
- Project for Applied Science
- Analysis of Scientific Data and Information

Optional Units:

- Laboratory Management
- Work-based Investigation (this is mandatory for apprentices)
- Inorganic Chemistry of Crystal Structures and Transition Metal Complexes

- Organic Chemistry of Aromatic and Carbonyl Compounds
- Physical Chemistry of Spectroscopy, Surfaces and Chemical and Phase Equilibria
- Analytical Chemistry
- Environmental Chemical Analysis
- Biochemistry of Macromolecules and Metabolic Pathways
- Medicinal Chemistry
- Quality Assurance and Quality Control
- Nanotechnology
- Materials Science and Technology
- Statistics for Experimental Design
- Work-based Experience (mandatory for apprentices)
- Personal and Professional Development (mandatory for apprentices)
- Employability Skills (mandatory for apprentices).

Note that those who did HNC on the previous specification may need to upgrade a few of their existing units where unit specifications have changed significantly.

It is possible to import units from the applied biology course.

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 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.

ENTRY GUIDELINES

Students must meet the requirements of achieving a full HNC in Applied Chemistry to have the option to convert a HNC to a HND.

ASSESSMENT METHOD

This course is assessed by 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

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

The College's term dates are available on its 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 higher education studies such as BSc (Hons), which can be delivered at the College in partnership with UCLan. This award is accepted by the Royal Society of Chemistry as satisfying part of their requirement for eventual professional recognition.

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

WHEN DOES THIS COURSE RUN?

CAMPUS	STARTS	ATTENDANCE	COURSE CODE	PLANNED TIME TABLE
	22nd Sep 2021	Part Time	S010N001	
If you are aged 19 or over: Fee : £2995.00 Please note, this fee is the cost per year. For Higher Education (HE) courses, student loans are available to most students undertaking a degree, foundation degree, HNC / HND or teacher training programme. Visit https://www.gov.uk/browse/education/student-finance for details.				

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

This information was current on 25th November, 2020 and may be subject to change.