

# HNC IN APPLIED SCIENCE (BIOLOGY)

Subject Area

Health, Social Care &  
Life Sciences

Student Type

Students aged 16-18

Study Mode

Full Time

## What is the course about?

The qualification prepares you for employment in the Applied Science (Biology) sector or further study at university. If you are already employed in the science sector you will be able to study for a qualification that will support your career progression. The programme can be studied full time in one year. Alternatively, this course can be studied part time over two years, please check the website for further details.

## Why should I choose the course?

The programme works closely with employers to deliver a current and industry relevant curriculum offering a very high-quality education for higher education students. Higher education students have access to specialist facilities, generated through the Institute of Technology (IOT) where resources, laboratory spaces and equipment has been sourced to support the programme of study as well as designated learning spaces to support independent study.

The course uses a range of assessment methods, including reports, presentations, academic essays, work-related projects, please note there are no exams during this course. Various industry-based software packages and test equipment are used to enhance practical and employability skills.

## What will I learn?

The HNC consists of the following units:

### Core Units

- Fundamentals of Lab Technician
- Scientific data handling approaches and techniques
- Regulation and Quality in Applied Science

### Specialist Unit

- Cell Biology
- Fundamentals of Biology
- Anatomy and Human Physiology
- Ecology and applications
- Fundamentals of Biochemistry

Please note that modules listed are indicative and may be subject to change. We do not guarantee that a specialist unit will always run in any given academic year as options may be dependent on student numbers, sector requirements, and staff expertise.



**Warrington  
& Vale Royal  
College**

Warrington Campus  
Winwick Rd, Warrington WA2 8QA

 [wvr.ac.uk](http://wvr.ac.uk)

 01925 494 494

Winsford campus  
Weaver St, Winsford CW7 4AH

 [learner.services@wvr.ac.uk](mailto:learner.services@wvr.ac.uk)

## What will the course lead on to?

Progression onto a related university degree. Alternatively, entry into employment as an scientist/technician in a wide variety of industries. Career development prospects for those already employed in industry.

## Are there any links with industry and university?

We have close links with a number of employers and organisations who share their own industry experience with students and work with us to deliver workshops and presentations. These employer relationships have been developed over a number of years by our staff to ensure that the information and knowledge shared with students is directly relevant to their chosen course of study.

## What support is available?

All higher education students receive termly one-to-one tutorials with their programme leader to support them with their progress on programme. You will also have access to an online tutorial programme which provides guidance on a wide range of topics such as mental health, managing finances, support for single parents, and working online. In addition, you can access a programme of workshops throughout the year to support with topics such as study skills, academic writing, and time management.

We have a team of staff dedicated to providing learning support if it is required, and a Welfare Team that is on hand to offer guidance, support, and help when needed. All HE students have access to a designated progress coach who can also provide welfare support.

Click here for learning support: <https://wvr.ac.uk/college-life/learning-support>

Click here for finance support: <https://wvr.ac.uk/study/higher-education>

## Why should I choose to study the course at Warrington & Vale Royal College?

The college offers a very high-quality education for higher education students. Student feedback is strong and students are highly complementary of their learning experience. Higher education students have access to specialist facilities and resources to support their programme of study as well as designated learning spaces to support independent study.

Here at Warrington & Vale Royal College we have a team of dedicated, experienced staff who can share their extensive knowledge and skills with you. Learning in a friendly and inclusive environment, you will be fully supported to achieve your goals

## What are the entry requirements?

You will typically have one of the following:

- A BTEC level 3 or other level 3 qualification in a related subject, minimum MPP or MM



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- T Level with overall grade Pass
- A minimum of two A-Levels (A2) with one in a related subject at grade C or above
- Access to HE with relevant options

## AND

- A\* to C grade and/or 9 to 4 in GCSE English (language or literature)
- A\* to C grade and/or 9 to 4 in GCSE Maths

Non-native English speakers who have not undertaken their final two years of schooling in English need to demonstrate capability in English at a standard equivalent to the levels identified below. This is necessary before being recruited to the programme, as the programme is both taught and assessed in English:

- Common European Framework of Reference (CEFR) level B2
- IELTS 5.5; reading and writing must be 5.5.

We welcome applications from mature students who have appropriate work experience in a related sector or role and/or have professional qualifications in a related industry.

All HNC/HND programmes require the completion of a personal statement prior to an admissions interview being offered. You will also be required to provide a reference from one of the following options:

- A previous course leader/teacher (if progressing from a recently attended further or higher education course)
- A recent or current employer
- An appropriate professional who can provide a character reference (if you have not been in recent education or employment).

## What are my funding options?

Students applying to study on a Higher Education course can apply for a HE student loan at [www.gov.uk/student-finance](http://www.gov.uk/student-finance)

For further Finance support and enquiries please visit <https://wvr.ac.uk/adults/higher-education>

## Are there any additional costs associated with the course?

Students will require their own lab coat and safety spectacles and course text book. Cost approximately £100.



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