

BSc (Hons)

# Biological Sciences (with a Foundation Year)

UCAS code C108

## Study mode

Full-time

## Duration

4 Years (1 + 3)

Apply by: **29 January 2025**

Starts on: **22 September 2025**

## About this course

Intended for adult learners or undergraduates who wish to take up Biology but do not have the appropriate subject background, Biological Sciences offers a foundation year at nearby Carmel College.

## Introduction

This is not a programme in itself but acts as a springboard onto other Bioscience degrees. This deferred choice programme means that you have the flexibility and freedom to switch to your chosen degree after completing the foundation year (year zero).

The aim of this programme is to make you an expert in one particular field with the ability to cross discipline boundaries, a highly attractive prospect to employers.

## Programme in detail

Year zero comprises introductory modules taught at Carmel College. [Carmel College](#) is located in St Helens, about nine miles from the main University campus. The College offers small class sizes and high standards of academic achievement. Years one, two and three will continue at Liverpool following the chosen area of interest through to BSc (Hons) or MBIoSci completion.

Find information about what essential and optional modules you will need to take during your Year Zero at Carmel College to progress to your chosen University of

## What you'll learn

- Knowledge and understanding of the subject and the ability to evaluate and interpret this knowledge to solve problems
  - Skills that will equip you to investigate research topics and communicate your findings
  - How to analyse and interpret real-world data and communicate the results clearly and concisely
  - How to access and critically evaluate scientific literature in the area of biological sciences
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## Routes

- [Anatomy and Human Biology](#) BSc (Hons)
- [Biochemistry](#) BSc (Hons)
- [Biological Sciences](#) BSc (Hons)
- [Biomedical Sciences](#) BSc (Hons)
- [Bioveterinary Science](#) BSc (Hons)
- [Marine Biology](#) BSc (Hons)
- [Marine Biology with Oceanography](#) BSc (Hons)
- [Microbiology and Infection](#) BSc (Hons)
- [Pharmacology](#) BSc (Hons)
- [Zoology](#) BSc (Hons)

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# Course content

Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

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## Year zero

You will be based at Carmel College in St Helens, about nine miles from the main University campus. Carmel College offers small class sizes and high standards of academic achievement. The programme, which is moderated by University staff, comprises introductory modules in biology, applications of biology and mathematics, plus either chemistry or geography. Further information about progression subjects can be found [on the Carmel website](#).

Programme details and modules listed are illustrative only and subject to change.

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## Teaching and assessment

### How you'll learn

You will experience a range of learning environments during your studies at Liverpool. These will include student-centred activities as well as lectures, tutorials, laboratory practicals, dissection classes, fieldwork, data handling sessions and computer workshops. Some of these activities will be performed individually, such as personal research projects, and others in small tutorial or project groups, in addition to formal lectures and workshops. You will have research staff as well as your own academic adviser for individual tuition on our acclaimed tutorial programme.

### How you're assessed

As well as factual knowledge and understanding, biologists need practical and organisational skills, and an ability to work both alone and with other people. We record development of these abilities through continuous assessment during each semester and by final examination.

## Liverpool Hallmarks

We have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens.

The Liverpool Curriculum framework sets out our distinctive approach to education. Our teaching staff support our students to develop academic knowledge, skills, and understanding alongside our **graduate attributes**:

- Digital fluency
- Confidence
- Global citizenship

Our curriculum is characterised by the three **Liverpool Hallmarks**:

- Research-connected teaching
- Active learning
- Authentic assessment

All this is underpinned by our core value of **inclusivity** and commitment to providing a curriculum that is accessible to all students.

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# Careers and employability

As a Biosciences graduate from the University of Liverpool, you will have an excellent set of career options ahead of you.

Typical types of roles/routes our graduates have gone on include:

- Postgraduate study: (MBiolSci, MSc, MRes, MPhil or PhD)
- Public sector – research institutes, government departments, the National Health Service, forensic science and the Environment Agency.
- Commercial sectors – pharmaceutical, food, biotechnology, water and agriculture industries.
- Journalists and information/liaison officers – by developments in molecular biology and biotechnology.
- Teaching profession by taking a postgraduate qualification (PGCE).
- Routes to postgraduate Medicine, Dentistry or Veterinary Science.

Recent employers and sectors:

- Pharmaceutical sector: Eli-Lilly, AstraZeneca, Glaxo SmithKline, NHS, Red X Pharma;
- Tourism/Conservation sector: Blue Planet Aquarium, Chester Zoo, RSPCA;
- Government/Legal sector: Crown Prosecution Service, The Environment Agency, Public Health England, Home Affairs, Ministry of Defence, Security and International Development;
- Media/Entertainment Sector: BBC;
- Corporate and Utilities sector: United Utilities, Vodafone, Unilever.

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# Fees and funding

Your tuition fees, funding your studies, and other costs to consider.

## Tuition fees

### UK fees (applies to Channel Islands, Isle of Man and Republic of Ireland)

Full-time place, per year – £9,535

Foundation year fee – £7,500

Year abroad fee – £1,430 (applies to year in China)

Following the foundation years, standard course fees apply.

The tuition fees shown are correct for 2025/26 entry. Please note that the year abroad fee also applies to the year in China.

Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support. [Learn more about paying for your studies.](#)

## Additional costs

We understand that budgeting for your time at university is important, and we want to make sure you understand any course-related costs that are not covered by your tuition fee. This could include buying a laptop, books, or stationery.

Find out more about the [additional study costs](#) that may apply to this course.

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# Entry requirements

The qualifications and exam results you'll need to apply for this course.

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## A levels

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## T levels

T levels considered in a relevant subject and specialism.

Applicants should contact us by [completing the enquiry form on our website](#) to discuss specific requirements in the core components and the occupational specialism.

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## GCSE

All applicants must have a minimum of five GCSEs at grade C/4 or above, including English Language, Mathematics and two Sciences, including Biology. Core and Additional Science/Dual Science acceptable as the two Sciences.

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## Welsh Baccalaureate Advanced

Considered.

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## International qualifications

[Select your country or region to view specific entry requirements.](#)

Many countries have a different education system to that of the UK, meaning your qualifications may not meet our direct entry requirements. Although there is no direct Foundation Certificate route to this course, completing a Foundation Certificate, such as that offered by the [University of Liverpool International College](#), can guarantee you a place on a number of similar courses which may interest you.

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## Alternative entry requirements

- If your qualification isn't listed here, or you're taking a combination of qualifications, [contact us](#) for advice
- [Applications from mature students](#) are welcome.

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