

# Access to Higher Education – Science

Subject Area	Science
Course Type	Access to Higher Education
Study Level	Level 3
Delivery Mode	Full-time
Location	David Hockney Building
Duration	1 Academic Year
Start Date	September 2025
Course Code	

## Course Summary

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The one-year Level 3 Access to Higher Education in Science is designed for students over the age of 19 who wish to progress to Science-related degrees. We offer one pathway for Access to HE Science with the following subject combinations: Biology/Chemistry

## What You Will Learn

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You should also expect to work with others and independently, meet deadlines and complete work to a high standard. In addition to the skills gained in Biology/Chemistry, you will also develop skills in independent research, critical thinking and evaluative skills, study skills, interview skills and interpersonal skills. You will develop the necessary skills to progress into further education, which can include university.

## Modules

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Biology/Chemistry Pathway:

- Introduction to Cell Biology

- Biomolecules and Key Biochemical Principles
- Cardiovascular, Respiratory and Gastro-intestinal Systems
- Homeostasis, Co-ordination and Control and the Excretory System
- Practical Investigation (Biology)
- Pharmacology
- Introduction to Chemistry
- Practical Inorganic Chemistry
- Core Principles of Chemistry
- Further Inorganic Chemistry
- Further Physical Chemistry
- Core Organic Chemistry
- Preparing to Progress
- Developing Skills for Studying
- ICT – Presentation Software

## Entry Requirements

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Entry to this course requires GCSE English Language, Maths and Double Science at a grade 4 or C. Some Universities may not require a Science GCSE but require 12 credits at a distinction on this Access course. You are at least 19 years old on 1st September. It is your responsibility to check that your Mathematics and English Language qualifications are accepted for the Higher Education Institution course you wish to eventually apply for. When applying to join an Access to HE course, please state on the application form which Science pathway you require. Induction for this course will begin at the start of September.

## Assessment

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Assessment on Access programmes involves a range of methods such as essays, presentations, reports, laboratory practicals and research investigations. You will have a combination of 15 ungraded and 45 graded units. For the graded units, you will be graded at Pass, Merit or Distinction.

## Progression

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The Access to Higher Education – Science course acts as your direct progression route from Level 3 study to degree level study at University in Science-related subjects. You may choose to progress

to degrees in:

- Biomedical Sciences
- Chemical Engineering
- Chemistry
- Genetics
- Human Nutrition
- Nutrition and Food Science
- Paramedical Sciences
- Pharmacology
- Physiotherapy
- Podiatry
- Radiography
- Science
- Sports Science and a wide range of combined and related degrees.