

A photograph of laboratory glassware on a grey countertop. In the foreground, there is a large blue Erlenmeyer flask, a green one behind it, a yellow one to the right, and a red one further right. A small purple volumetric flask is also visible. In the background, there are power outlets with black cables plugged into them.

Access to Higher Education - Biomedical Science - AE303

Are you looking to study Biochemical Science or a related subject at university? Our Access to Higher Education - Biochemical Science Course is designed to prepare you for entry to a Degree or Higher Diploma course in Science subjects that require Biology and Chemistry. This course provides a strong foundation in key scientific principles, equipping you with the knowledge and skills needed for degree-level study. Whether you're returning to education or changing career paths, this diploma is your gateway to university and a future in the biochemical field.

COURSE DETAILS

Two modules are studied, these are:

- Biology
- Chemistry

In addition, a unit will be studied focussing on developing research skills.

Credits are awarded for the Access course modules. To achieve the Access Diploma, you must gain all 60 credits, including a minimum of 45 credits at Level 3. There are 18 units of 3 credits each and one unit of 6 credits; 9 units of biology, 9 of chemistry plus the research unit. 14 units (45 credits) are graded, while 5 units (15 credits) must be passed but are not graded and used as introductory units to build confidence and knowledge. All units are level 3.

ENTRY GUIDELINES

This course is for students aged 19plus.

4 GCSEs at grade 4/C or above including two GCSE Science subjects, Maths and English or BTEC Level 2 Applied Science/Pre Access and Grade 4/C or above in Maths and English.

Satisfactory interview and assessment (written/comprehension task) where you should demonstrate your understanding of the career you want to progress to.

If English is not your first language, you may need an assessment before enrolling on this course. To discuss further, please contact the ESOL department on 0151 551 7144.

ASSESSMENT METHOD

Assessment is continuous with reports, essays, tests, assignments and laboratory work. The Access to HE Diploma is awarded by Openawards.org made up of 60 credits.

ADDITIONAL INFORMATION

In addition to lesson time, you will be expected to complete about 16 hours of independent study per week. You will need good organisational skills. It is preferable that you have some IT skills (you will have an opportunity to acquire these).

You should be aware that to meet the entry requirements for specific courses at University, you may need particular qualifications/work experience in addition to the Access qualification. You are advised to check the entry requirements for your intended degree course as soon as possible. When you attend your interview, you will be given the opportunity to discuss how any additional requirements could be met.

Useful websites:

UCAS - www.ucas.com.

NHS - www.nhs.uk, university websites.

Please note that the interview and assessment process will last approximately 2 hours.

WHERE CAN I PROGRESS TO?

This course may enable you to progress onto the following Higher Education courses;

Zoology, Marine Biology, Biochemistry, Biomedical Science, Chemistry, Genetics, Environmental Science, Physiotherapy, Nursing, Pharmacy, Podiatry, Dental Therapy.

There will be opportunities to attend university open days and other suitable events throughout the course. Obtaining the Access to HE Diploma in Biochemical science does not guarantee entry into any HE course.

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

WHEN DOES THIS COURSE RUN?

CAMPUS	ATTENDANCE	COURSE CODE	PLANNED TIME TABLE
	Full Time	AE303-25	
<p>If you are aged 19 or over:</p> <p>Fee : £3384.00</p> <p><i>The fee quoted is for the academic year 25/26.</i></p>			

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

This information was current on 14th September, 2025 and may be subject to change.