

Science for Adults

Subject Area	Science
Course Type	Adult
Study Level	Level 2
Delivery Mode	Part-time
Location	David Hockney Building
Duration	1 Academic Year
Start Date	September 2024
Course Code	PA000039

Course Summary

This Adult Science course will enable mature students to bridge the gap between Level 2 and Level 3; this allow students to progress on to the level 3 Applied Science Adult course. Students will undertake a baseline assessment to establish their starting point. The first part of this bridging programme will a recap of Level 1 with a key focus on core science concepts and knowledge before moving on to the level 2 topics. Level 2 Science can help students take the first steps towards a career in a wide range of sectors such as industrial, medical, or forensic science. Students will be taught scientific principles and how to put them into practice in the workplace and improve their confidence.

What You Will Learn

This course has a core of underpinning knowledge, skills and understanding and is broken into 3 subject areas, Chemistry, Biology and Physics with specialised tutors to support in each of these specific science strands.

Modules

Specialised tutors will teach each science section with hands on practical work in our well-equipped laboratories.

The course will consist of the following modules: **Chemistry:**

- Atomic structure
- Bonding
- The periodic table
- Trends of the periodic table
- Lab techniques

Biology:

- Cell structure and function
- Microscopes
- Cell specialisation
- Digestive system
- Tissue structure and function
- Function of nervous tissue
- Diseases

Physics:

- Energy
- Working with waves
- Electricity
- Electrical circuits
- Wave speed
- Waves in communication

Entry Requirements

Entry to this course requires a grade 3 GCSE in English Language and Maths or Level 1 Functional Skills in English and Maths. You must be aged 19 or over.

Progression

Successful completion of this course can allow you to progress on to [BTEC Level 3 National Foundation in Applied Science](#). Completion of the Level 3 Diploma in Applied

Science allows for progression within the College to our HND in Chemistry, Biology or Environmental Science as well as routes into University.

Disclaimer: Our prospectus, college documents and website are simply here to offer a guide. We accept no liability for any inaccurate statements and are not responsible for any negative outcomes if you rely on an inaccurate statement. We reserve the right to withdraw any programmes or service at any time.