

Chemistry - A Level (AQA)

Unleash your curiosity and ignite your scientific passion with A Level chemistry! Dive into a world where molecules hold the keys to understanding our universe. Uncover the secrets of our very surroundings as A Level Chemistry delves into the intricate composition of the materials shaping our world – from the very buildings we inhabit to the transformative petrochemical industry. But that's not all; brace yourself for a climate-conscious adventure!

Explore the profound impact of chemicals on our planet's delicate balance, delving into the urgent matter of global warming. Venture into the intersection of science and commerce, where you'll witness chemistry's pivotal role in shaping industries and the environment alike. And speaking of impact, get ready to unravel the remarkable synergy between chemistry and medicine, unravelling the mysteries of new-age pharmaceuticals. But this journey isn't confined to textbooks – the realm of experimentation awaits. Through immersive and engaging practical laboratory work, cultivate your investigative prowess and master the art of solving scientific enigmas. Your A Level chemistry path isn't just an education; it's an odyssey of discovery that empowers you to shape the future through science!

This course is available for international students, if you are applying as an international student please click [here](#).

WHAT WILL I STUDY?

Topics covered can include:

- Core organic
- Inorganic and physical chemistry
- Atomic theory
- Structure and bonding
- Redox
- Periodic table and calculations involving amounts of substances
- Modern analytical methods
- Energetics
- Kinetics and equilibrium

Studying chemistry at A Level will help you understand the world in which you live. You will study physical, organic and inorganic chemistry, and undertake practical work to develop your skills. The work will be stimulating and challenging. You will learn about current topics such as fuel cells, useful catalysts and the impact of chemical reactions on the environment. You will learn how to analyse data and how to problem solve, building on the knowledge you have gained at GCSE.

Start Date: 1 September 2025

Duration: 2 Years

Attendance: Full Time

Center: Angel Sixth Form College

<https://www.capitalccg.ac.uk/course/pdf/11396/>

WHAT WILL I NEED?

You will need:

- Grade 5 or above in GCSE English Language
- Grade 7 or above in GCSE Maths*
- Grade 6-6 or above in GCSE Combined Science (if you are studying GCSE Triple Science, you will need grade 6 in Chemistry and grade 6 in either Physics or Biology)
- A further GCSE at grade 4 or above

*If you have a Grade 6 in GCSE Maths, a Maths for Chemistry class will be added to your study programme.

If you wish to study 4 A Levels, you will need 7 GCSEs at grade 7 or above, including two at grade 8.

All applicants must have an interview to confirm that A Levels are suitable for them.

We recommend studying another science or maths subject, such as Physics, Biology, or Psychology, alongside Chemistry.

When applying for an A Level programme at City and Islington, please refer to the general entry requirements on our [A Level Courses](#) page as well as the subject-specific details listed above.

HOW WILL I BE ASSESSED?

Assessment is by exam at the end of two years. Your practical skills will also be tested by a specially written paper.

WHAT WILL IT COST?

AGED 16-18

If you will be aged 16, 17 or 18 on 31st August prior to the start date of your course and you have the legal right to remain in the UK for the duration of your programme then your study with us will be free. Please see [here](#) for the documents you will need to show us.

Some courses will have other associated costs, such as for specialist materials and trips. Many of our students are eligible for financial support, see [here](#) for details.

WHAT CAN I DO AFTER?

A Levels are widely regarded as the standard entry qualification for top universities in the UK, and the rest of the world. Many of our students go onto study for a degree at the university of their choice, with some choosing to progress into apprenticeships or other employment.

Start Date: 1 September 2025

Duration: 2 Years

Attendance: Full Time

Center: Angel Sixth Form College

<https://www.capitalccg.ac.uk/course/pdf/11396/>

