

# A-level Chemistry

Below you will find some information regarding the GCE OCR A-level Chemistry course. Please note that there are some specific requirements for accessing this course. If you have any questions about this course or the entry requirements then please speak to us.

## What is covered?

The course provides a comprehensive insight into chemistry including:

- How structure and bonding affects the properties of materials.
- Trends seen in the periodic table.
- The energy changes involved in chemical reactions.
- The synthesis of organic compounds.
- An understanding of reaction mechanisms.
- The reactions of acids and bases and pH calculations.
- Calculations to find out the concentrations of different solutions.

## What does the course involve?

You will develop your knowledge and understanding of some abstract chemical concepts, which can be used to describe and explain the reactions and properties of substances. You will use maths to perform detailed and sometimes complex calculations. You will develop your practical skills further, allowing you the opportunity to pursue a career in the chemical, medical or biological sciences, health care or engineering sectors.

**Find out more** We encourage you to contact us with any questions, or alternatively why not follow the link to access Padlet, our bespoke training resource.

[The Padlet](#)

## Quick course facts

You should have a minimum of five GCSEs graded at level 4 or above, including English Language and Mathematics (at grade 5 or higher) as well as grade 66 or higher in combined GCSE science or grade 6 or higher in GCSE Chemistry.

There are five hours of teaching per week, plus five hours per week of independent study time.

This course is aimed at those with a genuine interest in all aspects of Chemistry.

It provides a good background for students who wish to pursue a degree in the chemical, biological or medical sciences.

This course could lead to careers in medicine, dentistry, or veterinary science.

