Chemistry

A-Level

What will I learn?

You can study A Level Chemistry with OCR, focusing on six modules, including a Practical Endorsement. The course builds knowledge of key Chemistry concepts, such as the structure of an atom, chemical reactions, periodic table patterns, and carbon chemistry. The curriculum covers both theoretical and practical aspects, providing a strong foundation for Chemistry-related degrees or apprenticeships and offering transferable skills for various disciplines.

How will I learn?

The learning process involves progressing through theoretical concepts and engaging in practical work. Comfort with aspects of GCSE mathematics, accurate writing, and an appreciation for practical work is essential. Chemistry requires careful work with various apparatus to achieve accurate results.

How will I be assessed?

Assessment for A Level Chemistry involves written papers. A Level assessment includes two 2hr 15min papers on the content and a 90-minute synoptic paper. Practical skills are taught throughout the course and contribute to the overall assessment.

FAQs.

What do I need to know or be able to do before taking this course?
Before enrolling in A Level Chemistry, you should have studied either GCSE Combined Science with a grade of 66 or GCSE Chemistry with a grade of 6.
What kind of student is this course suitable for?
This course is suitable for strong science enthusiasts passionate about understanding the workings of Chemistry. Comfort with GCSE mathematics, accurate writing, and an interest in practical work are crucial. Success in Chemistry involves the willingness to work hard, learn key information, and apply knowledge to problem-solving.
What could I go on to do at the end of my course?
Completing A Level Chemistry opens diverse career options, including medicine, veterinary medicine, chemistry, biochemistry, pharmacology, biomedical science, and materials science. The skills acquired are valuable in fields such as finance, IT services, computing, education, and healthcare.

Exam Board

OCR

Subject Specific Entry Requirements

Either GCSE Combined Science with a grade of 66 or GCSE Chemistry with a grade of 6

Skills Gained

Problem solving
Critical thinking
Evaluation
Data analysis
Creating Research
Team work
Presentation skills
Revision skills

Careers

Medicine
Veterinary medicine
Pharmacist
Chemistry
Biochemistry
Pharmacology
Biomedical science
Materials science