

A Level Chemistry



“Chemistry is not just a discipline; it’s the art of transforming the ordinary into the extraordinary, unlocking secrets of the matter that forms everything around us” - Unknown

Studying A-Level Chemistry is a journey into the heart of how the universe works. It’s challenging—demanding sharp problem-solving skills and dedication—but deeply rewarding. Chemistry unlocks careers in medicine, engineering, and environmental science while teaching you critical thinking and resilience. You’ll master the building blocks of life and industry, gaining a qualification that’s respected and opens doors worldwide. Push through the tough moments, and you’ll come out with knowledge and skills that shape the future.

Subject specific entry requirements

In addition to the standard entry requirements, the following subject entry criteria should be met:

- 6 in GCSE Chemistry if separate science or 66 in Combined Science. 5 in GCSE Maths

Exam Board

AQA Specification A Level: 7405

Assessment

A Level - two year course.	20% of the marks in the exams are Maths based At least 15% of the overall assessment of A-level Chemistry will assess knowledge, skills and understanding in relation to practical work.
Paper 1:	Unit 1 Physical chemistry 2 hrs written paper (short and long Unit 2 Inorganic chemistry answer questions) Relevant practical skills
Paper 2:	Unit 1 Physical chemistry 2 hrs written paper (short and long Unit 3 Organic chemistry answer questions) Relevant practical skills
Paper 3:	Any content from Units 1, 2 and 3 2 hrs written paper (short, long and Relevant practical skills
Practical Endorsement in Chemistry - (non-exam assessment)	

This course will lead to:

Universities offer a wide range of different chemistry degrees. These include studying only chemistry, combinations of chemistry with other subjects and chemistry with industrial experience. Studying chemistry can lead to a career which is exciting and enjoyable with lots of variety and opportunities. Many of the jobs chemists do cross the boundaries between the sciences but they also work with professionals in marketing, law, accountancy, ICT, finance, journalism and other areas.

It also is a requirement for medical, dentistry and veterinary courses. Chemistry is an exciting and challenging subject with the potential for significant personal and financial reward.