

Chemistry at OLA

Awarding body: OCR

Code: H432

IMPORTANT!
If you want to study medicine you will need to have a Chemistry A level qualification.

The A Level Chemistry qualification is a content-led course designed to develop theoretical and practical chemistry skills, knowledge and understanding. It is split into the six modules and assessed as outlined below:

	Content
Module 1	Development of practical skills in chemistry
Module 2	Foundations in chemistry
Module 3	Periodic table and energy
Module 4	Core organic chemistry
Module 5	Physical chemistry and transition elements
Module 6	Organic chemistry and analysis

Assessment Overview	
Periodic table, elements and physical chemistry (01) 100 marks 2 hours 15 minutes Written paper	37% of total A level
Synthesis and analytical techniques (02) 100 marks 2 hours 15 minutes Written paper	37% of total A level
Unified chemistry (03) 70 marks 1 hour 30 minutes Written paper	26% of total A level
Practical Endorsement in chemistry (04) (non exam assessment)	Reported separately

Is Chemistry for you? **YES!!!**

In order to study Chemistry you will need a grade 6 in GCSE Science or a grade 6 in GCSE Chemistry.

The Chemistry A-Level course helps students develop a number of skills:

- How to assemble data and assess it.
- How to investigate facts and use deduction.
- How to put over your point of view fluently.
- How to work as a team to achieve results.

These skills are valued very highly by employers and Universities

Why study Chemistry?

A chemistry qualification opens the door to a wide range of careers options, both in and out of the lab. There are endless interesting and rewarding science-based jobs available – these can be in research, outdoors or in other industries you might not have thought of. As a chemist you could:

- Fight disease by **discovering new medicines**
- **Protect the environment**
- **Invent** new products and materials, including cosmetics, paints, food and drink, plastics and much more.
- Solve crime using **forensic analysis**