

A Level Chemistry

Examination board & syllabus: OCR Chemistry A

Minimum Entry Requirements: GCSE Additional Science Grade 5/6 or Chemistry Grade 5/6, and Maths Grade 5/6

Course Outline:

The A-level course is split into six modules:

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:

There are 3 exams at the end of Year 13

Component	Duration	Content Assessed	% of A-level
1 Periodic table, elements and physical chemistry	2 hours 15 minutes Written Examination	Modules 1,2,3 and 5	37
2 Synthesis and Analytical Techniques	2 hours 15 minutes Written Examination	Module 1,2,4 and 6	37
3 Unified Chemistry (Synoptic paper)	1 hour 30 minutes Written Examination	All modules	26

Students will perform a minimum of 12 required practical activities over the 2 year course and will receive a Practical Endorsement in Chemistry which **does not** count towards the A-level grade and is reported separately as PASS/FAIL.

Higher Education Progression:

A Level Chemistry is essential for Chemistry, Medical, Veterinary and Dentistry degrees.

It is useful for all Science degrees and many other subjects and it is rated highly by top universities – a 'high currency' A Level.

Career Opportunities:

A Level Chemistry is seen as a useful qualification in most, if not all professions.

Useful Resources:

There is a large range of resources available including practice questions, past papers, mark schemes and PowerPoints on the school student drive available through the FROG server.

Useful Websites:

<http://www.ocr.org.uk/qualifications/as-a-level-gce-chemistry-a-h032-h432-from-2015/>

<http://www.schoolscience.co.uk/>