

Subject: Chemistry

Level: A Level



Course Outline

(Exam Board: OCR Chemistry A)

The A level Chemistry course will follow the OCR Chemistry A pathway. The specification is divided into topics, each covering different key concepts of chemistry. Teaching of practical skills is integrated with the theoretical topics and they are assessed through the written papers and recognised by the Practical Endorsement.

Chemistry A is split into six teaching modules combined with the Practical Endorsement.

The teaching modules can be summarised as:

Module 1:

Development of practical skills in chemistry – this module underpins the whole of the specification, and covers the practical skills that students should develop throughout the course. The practical skills in this module can be assessed within written examinations and the Practical Endorsement.

Module 2:

Foundations in chemistry – covering key concepts required throughout the remaining modules.

Modules 3 and 4:

Periodic table and energy, core organic chemistry.

Modules 5 and 6:

Physical chemistry, transition elements, organic chemistry and analysis.

Examination:

A Level Paper 1 assesses the content from Modules 1, 2, 3 and 5

A Level Paper 2 assesses the content from Modules 1, 2, 4 and 6

A Level Paper 3 assesses the content from Modules 1 to 6.

Career Opportunities

You will find this course useful if you wish to follow a career in the following areas:

- Scientific/medical research;
- Environmental work;
- Production/sales in many key industries, e.g. petrochemicals, pharmaceuticals, plastics.
- Writing/publication;
- Teaching, finance, law, project management
- Transferable skills: problem solving, data analysis, creativity, team work and communication.