



# CHEMISTRY

**QUALIFICATION**      AS Level Chemistry  
A Level Chemistry

**Examination Board**      OCR A

**What do I need to know or be able to do before taking this course?**

**You will have either:**

- Studied GCSE Trilogy Science and achieved grade 6-6.
- Studied GCSE Chemistry and achieved grade 6.

**You will also need grade 6 maths and English.**

**What will I learn on this AS/ A Level course?**

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're assessed through the written papers. For A Level only, the Practical Endorsement will also support the development of practical skills.

**What kind of student is this course suitable for?**

Chemistry is the study of matter and energy and the interaction between them. There are many reasons to study chemistry, even if you aren't pursuing a career in science.

Chemistry is everywhere in the world around you! It's in the food you eat, clothes you wear, water you drink, medicines, air, cleaners... you name it.

Chemistry sometimes is called the "central science" because it connects other sciences to each other, such as biology, physics, geology and environmental science.

**What is covered on the AS and A level course?**

Chemistry is split into six modules:

Modules 1 to 4 constitute the stand-alone AS Level qualification

Modules 1 to 6, combined with the Practical Endorsement, constitute the full A Level.

Module 1 Development of practical skills

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

What could I go on to do at the end of my course?

There are a number of career options available to scientists.

There are a number of excellent webpages which give further details about career paths and applying to university.

<https://nationalcareersservice.direct.gov.uk/advice/planning/jobfamily/Pages/scienceandresearch.aspx>