

Chemistry

A Level

What is the course about?

Chemistry is the study of chemical reactions and the properties of materials, covering elements, compounds and mixtures. Practical work is an important component of the course.

Topics covered in this course include:

- ↻ The structure of the atom and the importance of atomic masses, formulae and equations.
- ↻ The chemistry of inorganic compounds.
- ↻ Chemical bonding and structure and trends in the Periodic Table.
- ↻ The chemical ideas that underpin organic chemistry, is a major component of the course.
- ↻ Energy changes and rates of chemical reactions.

What kind of student is this course suitable for?

Chemistry is a course that is suitable for any academically able student who is interested in this subject. Other subjects that would go well with Chemistry are Biology, Physics and Mathematics. Chemistry can also prove to be a useful support subject if you are studying Geography or Psychology.


A chemical qualification opens the door wide to a huge range of science careers. However, it is also a stimulating and interesting course for any students who enjoyed science at GCSE, even if they do not wish to enter a scientific career.

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


After gaining an A-level in Chemistry there are many doors open to you. You could apply to do a Chemistry degree at University, or use your Chemistry to support your application to study for any other degree. You could go on to work in science-based industry such as chemical engineering or biotechnology. Chemistry is an essential qualification for medicine, veterinary science, pharmacy and environmental science. It is also a well-respected subject in its own right and suitable for entry into a wide range of professions. Chemistry is a sought after qualification. It shows that you have an active, analytical mind and this is what employers are looking for.



What if I need further advice or information?

 Speak to a member of the department

 m Slater@wootton.beds.sch.uk

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