Chemistry

Examination Board: OCR

Why study Chemistry?

An understanding of Chemistry underpins the study of many of the other sciences. It links the Biological and Physical Sciences. Studying Chemistry develops the student's ability to construct scientific arguments, evaluate and draw conclusions from evidence, express ideas clearly, handle chemicals safely and solve practical problems. There is a large degree of practical work involved, including assessed work.

The study of Chemistry is essential or desirable if you wish to follow a career as a doctor, dentist, veterinary surgeon, pharmacist, forensic scientist, optician or engineer.

Entry Requirements

GCSE Chemistry (Grade B) or GCSE Core and Additional Science (Grade BB)

Maths GCSE (Grade C)

English Language GCSE (Grade C)

Subject Specification

The AS and A level are co-taught in the first year of A level but the AS is **a standalone qualification and does not count towards the A level.**

AS level Chemistry A The content is split into four teaching 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	**A level Chemistry A** The content is split into six teaching modules with the first four modules being the same as the AS. The additional modules are: Module 5 – Physical chemistry and transition elements Module 6 – Organic chemistry and analysis There is also a non-exam assessment Practical endorsement for chemistry (candidates complete a minimum of 12 practical activities to demonstrate practical competence this is a pass/fail, reported separately)

Further Information

Students or parents requiring any further details are most welcome to contact Mrs E Renwick, Subject Leader for Chemistry (ecr@oswestryschool.org.uk).