Chemistry

A Level

Chemistry is the study of the properties of materials and the way that atoms can be combined. Without it, there could not have been any new drug development, dyes, plastics, computers or spacecraft. This qualification is highly valued and develops transferable skills which are valued by all employers, meaning your future doesn't have to be in a laboratory.

Year 1

Module 1: Development of Practical Skills.

Module 2: Foundations in Chemistry.

Module 3: Periodic Table and Energy.

Module 4: Core Organic Chemistry.

Year 2

Modules 1 to 4 and;

Module 5: Physical Chemistry and Transition Elements.

Module 6: Organic Chemistry and Analysis.

How will I learn?

Practical work; seminars; discussion; independent research; self and peer assessment; presentations; display work; independent investigations.

Where can I go after the course?

Careers: Analytical Chemist; Chemical Engineer; Clinical Biochemist; Forensic Scientist; Pharmacologist; Research Scientist; Toxicologist; Finance; Business Management.

Further Education: Chemistry with Medicinal Chemistry; Chemistry with Forensic Science and Toxicology; Chemistry with Pharmacology.

Entry Requirements

Standard 6th Form entry requirements. Students should preferably have a grade 7 (or above) in the associated single science. Students who have a GCSE Combined Science qualification should have a grade 77 (or above), although those with high grade 6's will be considered.

Assessment at the end of Year 2

Paper 1: 2 hours and 15 minutes - 100 marks (37%)

Paper 2: 2 hours and 15 minutes - 100 marks (37%)

Paper 3: 1 hour and 30 minutes - 70 marks (26%)

Papers 1 and 2 have 15 marks multiple choice and 85 marks structured written questions.