A Level Chemistry

What you will study

Year 12: AS Physical Chemistry, AS Inorganic, AS Organic

Year 13: Physical, Inorganic, Organic

Inorganic Chemistry is the study of structure, properties and the behavior of chemicals.

Physical Chemistry is the study of the principals of physics involved in chemical interactions.

Organic Chemistry is the study of compounds containing carbon.

How you will be assessed:

Exam Papers:

Paper 1: Inorganic and Physical Chemistry, Written exam – 2 hours (35%)

Paper 2: Organic and Physical Chemistry Written exam – 2 hours (35%)

Paper 3 – Any content and practical skills, Written exam, 2 hours (30%)

All exams will assess you on:

Short and long answer questions, extended response questions

Practical technique assessment

Critical analysis of experimental data

Multiple choice questions

You will also need to carry out 12 required practical's effectively, to pass the practical component of the course.

Where can it take you?

The top 5-degree courses taken by students who have the qualification are Chemistry, Biology, Pre-clinical Medicine, Maths and Pharmacology. There is also a wealth of degree apprenticeships on offer, that are based in chemistry.

Studying A-level chemistry gives you all sorts of exciting career options, including:

- Research scientist
- Pharmacist
- Patent Attorney
- Science communication writer
- Forensic Scientist
- Biotechnologist
- Nanotechnologist
- Toxicologist

A Level Chemistry Alumni Destinations:

Manchester University – Chemistry

St George's – Biomedical science

University of Nottingham - Zoology

King's College London – Biochemistry