

# Chemistry

TYPE OF QUALIFICATION	GCE AS & A level
LEVEL OF ENTRY	5 A*-C passes at GCSE B Grade in Core Science and Additional Science Or 3 B Grades in Separate Science
METHOD OF ASSESSMENT	Exam: Year 12 and Year 13
LENGTH OF COURSE & NUMBER OF LESSONS PER CYCLE EXPECTED STUDY EXPECTATIONS	One year AS and one year as A2 5 Lessons per week 5 hours of directed self-study minimum, alongside set homework and revision.

## COURSE STRUCTURE:

Level	Unit	Title	Grade Weighting
AS level	Paper 1 (Exam)	Inorganic and Physical Chemistry	50% AS level
AS level	Paper 2 (Exam)	Organic and Physical Chemistry	50% AS level
A level	Paper 1 (Exam)	Inorganic and Physical	35% A level
A level	Paper 2 (Exam)	Organic and Physical	35% A level
A Level	Paper 3 (Exam)	Synoptic Content and Practical Skills	30% A level

## WHICH SKILLS WILL YOU ACQUIRE?

- An understanding of aspects of physical, inorganic and organic Chemistry.
- Practical skills that develop a range of competencies applicable to many Science degree courses.
- Analytical skills that are developed through a range of practical work, and theory.
- Development of mathematical skills.
- An ability to apply your knowledge and understanding to a range of contexts.

## WHICH CAREER PATHWAYS EXIST AFTER STUDYING THIS SUBJECT?

- Doctor/Medical pathway
- Pharmacist
- Dentist
- Vet
- Scientific Research and Development
- Teaching
- Chemical Engineer
- Lawyer
- Banking

## WHICH SUBJECTS COMPLEMENT THIS COURSE?

Mathematics, Biology, Physics, Psychology