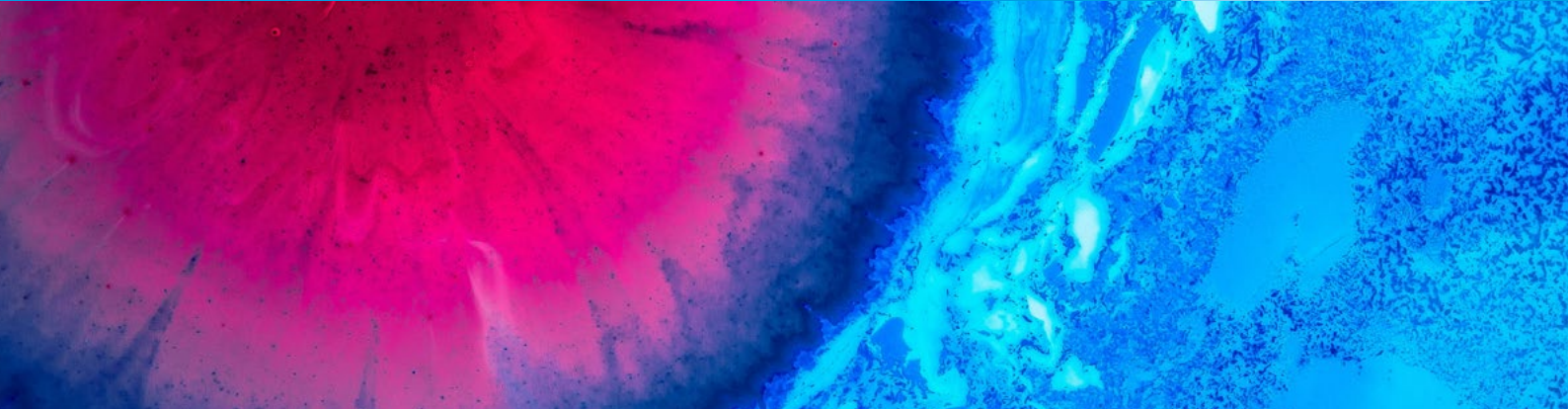




# Chemistry



## Course Outline

If you enjoyed chemistry at GCSE, you'll love this A level course.

In the first year you will develop your GCSE understanding which will provide you with a clear foundational introduction to this higher-level study. You'll learn about physical, inorganic and organic chemistry as well as undertaking a series of practicals to develop your skills. The exam papers will include questions on the theory of practical work and interpretation of both quantitative and qualitative results.

As you move into your second year you will take the foundational topics and study them in further depth. Topics will include thermodynamics, rate equations, aromatic chemistry and protein synthesis.

## Exam Board

AQA.

## Skills Required

Chemistry is fundamentally an experimental subject where there are numerous opportunities to use practical experiences to link theory to reality. Therefore, problem solving, teamwork, communication and practical skill are highly valuable. Independent study and reasoning skills are also desirable.

## Entry Requirement

Students wishing to study require one of the following:

- GCSE Science at grade 6/6 or above or
- GCSE Chemistry grade 6 or above

In addition to this students are required to have GCSE Maths at grade 5 or above.



## Future opportunities

Chemistry is a great choice of subject for people who want a career in health and clinical professions, such as medicine, nursing, biochemistry, dentistry or forensic science. It will also equip you for a career in industry, for example in the petrochemical or pharmaceutical industries.

