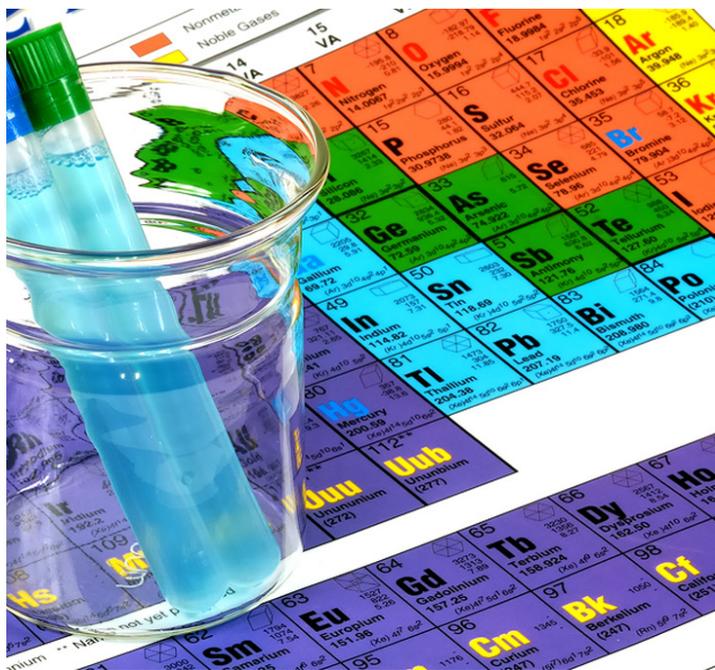




Chemistry

Exam Board: Edexcel

A Level



A Level Chemistry

Studying Chemistry A Level should be a practical experience for students. This specification contains practical activities embedded within each unit, to reflect the nature of chemistry. This will increase students' enjoyment and understanding of chemistry together with providing them with the skills needed to study science at higher levels.

The practical skills assessment at Advanced Subsidiary and Advanced Level reflect the types of practical activities that students would be familiar with as part of their teaching and learning. These are designed to be assessed alongside the teaching of the units. However, they are flexible and can be taken at any point during the Advanced Subsidiary or Advanced Level course.

The specification enables motivating contemporary chemistry contexts to be included in the teaching and learning programme. It is designed to motivate both teachers and students, to encourage more students to study chemistry and to encourage teachers to update the content that they deliver.

Course Information

Students will study aspects of chemistry that are often in the media and affect their lives. It is important that students have the necessary knowledge and understanding to explain many different aspects of contemporary chemistry; climate change, green chemistry, pharmaceuticals and chemistry research.

Unit 1 The Core Principles of Chemistry

Unit 2 Application of Core Principles of Chemistry

Unit 3 Chemistry Laboratory Skills 1

Unit 4 General Principles of Chemistry 1, Rates, Equilibria and Further Organic Chemistry

Unit 5 General Principles of Chemistry 2, Transition Metals and Organic Nitrogen Chemistry

Unit 6 Chemistry Laboratory Skills 2

Career Opportunities

Traditionally, Chemistry has been seen as a vital entry qualification for university courses in the fields of engineering, life sciences, medicine, dentistry, veterinary science, etc.

Nowadays, an A Level in Chemistry is in demand in many areas where a trained numerate mind is required, e.g. business and law. Indeed, all good universities now accept Chemistry as a general A Level entry qualification for a wide range of degree courses, including subjects such as English and Psychology.

