

A Level Chemistry



Type of Qualification: A Level

Level of Course: 3

Description

The aim of this course is to develop your interest in, and enthusiasm for chemistry, including developing an interest in further study and careers in chemistry; an appreciation of how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society; developing essential knowledge and understanding of different areas of chemistry and how they relate to each other.

The course is divided into chemical topics, each containing different key concepts of chemistry. Once the key features of a chemical topic have been developed, applications are considered. While the teaching of practical skills may be integrated with the theoretical topics, they are assessed separately; this allows skills to be developed in a way suited to each individual student.

There are 6 units:

Module	
1	Development of practical skills in chemistry
2	Foundations in chemistry
3	Periodic table and energy
4	Core organic chemistry
5	Physical chemistry and transition elements
6	Organic chemistry and analysis

How is the course assessed?

At A level, components assess the content from different modules as outlined in the table below. All components contain synoptic assessment.

Assessment title	Modules assessed	Length of paper	Assessment value
Periodic table, elements and physical chemistry (01)	1, 2, 3 and 5	100 marks (2hours 15minutes)	37%
Synthesis and analytical techniques (02)	1, 2, 4 and 6	100 marks (2hours 15minutes)	37%
Unified chemistry (03)	1-6	70 marks (1 hour 30 minutes)	26%
Practical endorsement in chemistry (04)	Throughout course	N/A Details of assessment to be confirmed by Ofqual.	Reported separately