



Chemistry

Awarding Body	OCR	Specification Code	H422
Purpose of the course	<p>The aim of the course is to encourage students to:</p> <ul style="list-style-type: none">Develop their interest in and enthusiasm for chemistry, including developing an interest in further study and careers in the subject;Appreciate how scientists make decisions about scientific issues and how the sciences contribute to the success of the economy and society;Develop essential knowledge and understanding of different areas of the subject and how they relate to each other. <p>We focus on understanding, rather than just factual recall, and on technological applications and their social, economic, ethical and environmental implications. There is an emphasis on practical work throughout the course.</p>		
Entry requirements	Candidates for this course will normally have taken either GCSE Chemistry or GCSE Combined Science and have attained at least a grade 6. In addition, a grade 6 Mathematics is advantageous.		
Type of qualification	A Level		
Course contents	<p>Module 1 – Development of practical skills in chemistry Module 2 – Foundations in chemistry Module 3 – Periodic table and energy Module 4 – Core organic chemistry Module 5 – Physical chemistry and transition elements Module 6 – Organic chemistry and analysis</p> <p>Full specification: http://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf</p>		
Assessment method	<p>Paper 1 assesses the content from Modules 1, 2, 3 and 5 – 2hrs 15 mins (37% of A Level) Paper 2 assesses the content from Modules 1, 2, 4 and 6 – 2hrs 15 mins (37% of A Level) Paper 3 assesses the content from Modules 1 to 6. – 1 hr 30 mins (26% of A Level)</p> <p>Practical endorsement The practical endorsement is a pass or fail part of the course. It is teacher assessed against the Common Practical Assessment Criteria (PAG). Performance in this component is reported separately to the performance in the A Level examinations.</p>		
Further studies	Chemistry is a compulsory requirement for dentistry, medicine, veterinary science and all the chemical-based degrees such as chemistry and pharmacy. It is also a preferred course for many biological-based degrees and for Natural Science		
More information from	Mr Lowor or Ms Hoare		