

A LEVEL CHEMISTRY



Course description

Awarding Body: AQA

Examinations

Paper 1 Physical and inorganic, related practical skills 2 hours, 35% of the A-level, short and long answers

Paper 2 Physical and organic, related practical skills 2 hours, 35% of the A-level, short and long answers

Paper 3 Any content any practical skill 2 hours, 30% of the A-level, questions on practical techniques, data analysis testing across the specification 30 marks of multiple choice questions.

Non Examined Assessment

12 required practicals.

Course content

The course looks at Inorganic, physical and organic chemistry, studying topics such as polymers like nylon; making aspirin; structure determination from multiple sources of data; why substances are coloured; how lithium ion cells work; calculations of the amount of energy that can be released from a reaction and the proportions of products that should be made as well as the likelihood of a reaction occurring.

Entry requirements

Grade 7 or higher at GCSE Chemistry (triple award) **and** grade 7 or higher in Maths, and 7-8 in double award with Chemistry modules Grade 8.

Future opportunities

Students can go on to study Medicine, but also Chemistry as a degree in itself, as well as Pharmacy, Natural Sciences, Chemical Engineering and Materials Science.

Further information

Students have gone on to study Medicine, Zoology, Dentistry, Chemistry, Chemical Engineering and Natural Sciences at a number of leading universities including Oxford, Cambridge and a variety of London universities amongst others.