

# A LEVEL CHEMISTRY

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 likely hood 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, 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 several leading universities including Oxford, Cambridge and a variety of London universities amongst others.