

# CHEMISTRY

AWARDING BODY OCR

**Course Specification link:**

<https://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf>

**Brief outline of course**

A Level Chemistry A (H432)

Chemistry lies at the heart of everything. It is the study of the structure, properties and synthesis of matter. Chemistry makes the world around us.

Within modules you will study a wide range of chemical concepts that build directly on the chemistry topics studied in your GCSE Combined Science or GCSE Chemistry course. Each module is divided into topics, each covering different key concepts of chemistry. These include;

- Periodic table and energy
- Core organic chemistry
- Physical chemistry and transition elements
- Organic chemistry and analysis

Throughout the course you will develop a range of practical skills which are integrated within the topics and are assessed through written examinations. The internally assessed Practical Endorsement skills form part of the full A Level Chemistry course. You will complete a minimum of 12 assessed experiments covering technical skills together with the use of apparatus and practical techniques. You will also gain an awareness of the environmental, technological, ethical and economic aspects of chemistry.

**Are you interested in:**

- Practical Chemistry
- Chemical Applications
- Patterns & Trends in Data
- Problem Solving
- Chemical Research
- Cutting Edge Science

**Leading to a career in:**

- Chemistry
- Engineering
- Biochemistry
- Biosciences
- Medical occupations
- Veterinary Sciences
- Geosciences
- Pharmacy
- Dentistry
- Law
- and many, many more ..

**Subject Entry Criteria**

GCSE Science Grades 6/6 or above and GCSE Maths Grade 6

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