WORCESTER
SIXTH FORM COLLEGE

A LEVEL
CHEMISTRY

INFORMATION ABOUT THE A LEVEL CHEMISTRY COURSE

- All assessment will be by examination only (there will be no practical examinations).
- The course is linear, with assessment at the end of the second year.
- The course includes practical skills assessed by teachers (practical endorsement) and reported separately, alongside the qualification grade on the certificate. Performance in the practical skills will not affect the grade awarded.
- The course includes specified practical work that must be undertaken by learners in order that they are suitably prepared for the written examinations
- The assessment of mathematical skills will form an integral part of the examinations

MODULES STUDIED

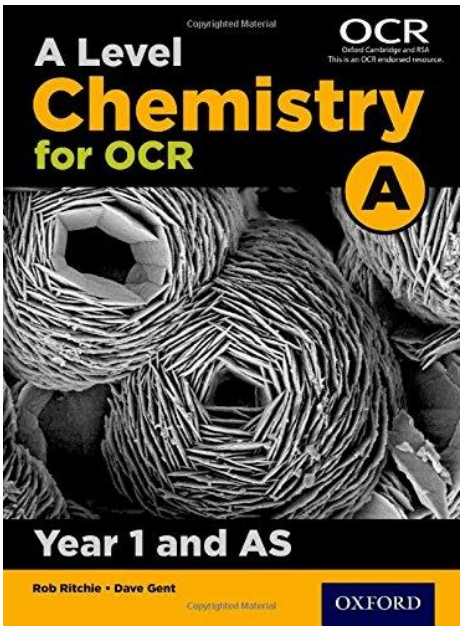
Exam board: OCR Chemistry A. H432

Module 1 – Development of practical skills in chemistry
Assessed by completing at least 12 practical sessions.

1st year Chemistry

Module 2 – Foundations in chemistry
Module 3 – Periodic table and energy
Module 4 – Core organic chemistry

This is the textbook we will use in the first year:

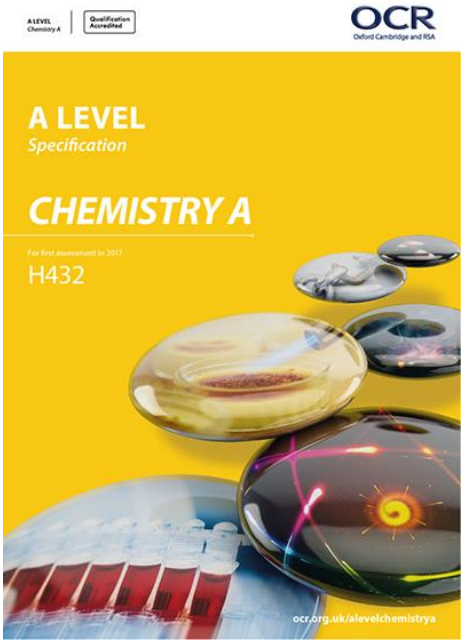


2nd year Chemistry

Module 5 – Physical chemistry and transition elements.
Module 6 – Organic chemistry and analysis

A LEVEL ASSESSMENT

Exam board: OCR Chemistry A. H432



Students will be assessed by 3 written examinations in the summer of year 2.

Component 1 – Periodic table, elements and physical chemistry
Written examination: 2 hours 15 minutes
37% of qualification

Component 2 – Synthesis and analytical techniques
Written examination: 2 hours 15 minutes
37% of qualification

Component 3 – Unified chemistry
Written examination: 1 hours 30 minutes
27% of qualification

WHY CHOOSE CHEMISTRY?

Are you interested in how we develop new, high-technology materials, fuels and medicines for the future? Chemistry at A Level is required for a range of careers including medicine, veterinary science, food science, agriculture and chemistry courses including forensic and pharmaceutical science. It is an essential support for any higher level study of Biology and gives extended options to enter chemical engineering with Physics and Maths. The skills learned in Chemistry are valued for entry into many other professions such as business, law and ICT.

FAQs

What are the entry requirements for A Level Chemistry?

- Minimum of Grade 6,6 in Higher Tier GCSE Combined Science, or Chemistry and 6 in one other science.
- Minimum grade 4 in English.
- There is a high Maths content in this course so a 6 in Maths is essential.

What if I do not meet the entry requirements for A Level Chemistry?

We offer other science courses with slightly lower entry requirements such as engineering and environmental science.

OUR APPROACH TO TEACHING AND LEARNING

Building on our reputation for excellent resources:

- We place a strong emphasis on allowing students to carry out practical activities, not just to develop their practical skills but to provide them with a full range of learning experiences.
- We have a flexible teaching approach but understand the need to complete homework, respect deadlines and set high standards.
- We use high-quality teaching materials including workbooks and tests with structured feedback, which have been rated as excellent by our students.
- We have a range of online learning and assessment materials including videos of every lesson.
- We have exceptional facilities and the latest chemistry equipment.
- We offer support workshops.
- You may have the opportunity to take part in Chemistry Challenge and Olympiad preparation lessons.

CONTACT US:
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