

A LEVEL: CHEMISTRY (AWARDING BODY OCR)



CONTENT

Studying A Level Chemistry attempts to answer the big question “what is the world made of?” The course is content-led and designed to develop theoretical and practical chemistry skills, knowledge and understanding. The A level programme is assessed by the OCR ‘A’ specification.

Paper 1: Periodic table, elements and physical chemistry (37% of the qualification) examines traditional physical chemistry.

Paper 2: Synthesis and analytical techniques (37%) covers organic chemistry in detail.

Paper 3: Unified chemistry (26%) is a synoptic paper drawing from the whole specification.

The practical endorsement is delivered and assessed entirely in school.

PROGRESSION

The most common degree choices after studying A level Chemistry are Chemistry, Biology, Pre-clinical medicine and Pharmacology. Associated careers include Chemical engineering, Environmental consultancy, Research and Analytical Chemist and Medicine.

A level Chemistry is a strict entry requirement for the vast majority of Medical Schools.

Thirty of the seventy UK university Chemistry departments closed in the late 1990s, and although only ten have since reopened, chemistry A level remains a popular choice to support a range of destinations and careers.

Students complete up to 36 practical activities during the 2 year course, of which 12 are formally assessed in school.

For further information about the course contact
Dr Butler: rbutler@tkasa.org.uk

Recent alumni include:

- 2022 - Sophie Leonard (Conservation at Sheffield)
- 2021 - Abbie Bryant Biology (Oxford)
- 2021 - Sophie Fenegan Medicine (Exeter)
- 2020 - Charlotte Barton Childhood studies (Bristol)
- 2020 - Harrison Brooks Neuroscience (Bristol)
- 2020 - Jake Cadwallader Sports science (Exeter)
- 2020 - Natalee Downward Marine Biology (Southampton)
- 2020 - Katie-Bea Robinson History (Cardiff)
- 2020 - Sophie Wills Paramedic science (Plymouth)

