

Course Overview:

This course emphasises both physical, inorganic and organic chemistry with a huge emphasis on practical skills throughout each topic. Students will develop an understanding of the context of chemistry and applications, which bring chemistry to real life.

Within each topic, students will cover a number of concepts, and fit the topic into a broader chemical context, encouraging understanding of the place of each topic within the subject. Students will develop skills on linking ideas from fundamental chemistry to further topics within physical, inorganic and organic chemistry.

The topics that are covered are:

Physical Chemistry

Organic Chemistry

Inorganic Chemistry

Practical work is at the heart of the course, and the required practical activities will give students the opportunity to embed their skills and knowledge. The A Level practicals ensure that students are able to access the Common Practical Assessment Criteria (CPAC) requirements of the course, a key requirement for the study of sciences at university.

Works well with:

- Other Sciences
- Mathematics
- Further Mathematics

Progression Opportunities:

Possible career and course options available to you and your A-level chemistry qualification include: medicine, pharmacy, veterinary science, chemistry, biochemistry, food science/nutrition, forensic science, biological/engineering careers, optical management, optometry, microbiology, natural sciences, pharmacology, software engineering and physiology, and these all require A-level chemistry as essential (unless other qualifications are offered). Careers and courses that find chemistry desirable include food technology, nursing, physiotherapy, radiography, paramedical courses, law and zoology.