

What will I study?

There are three units of study:

Unit 1: Inorganic and Physical Chemistry. Learn about electromagnetic radiation and atomic spectra, atomic orbitals, electronic configurations and the periodic table, shapes of molecules and polyatomic ions, transition metals, chemical equilibrium, reaction feasibility, kinetics.

Unit 2 : Organic Chemistry and Instrumental Analysis. Learn about molecular orbitals, molecular structure, stereochemistry, synthesis, experimental determination of structure, pharmaceutical Chemistry.

Unit 3: Researching Chemistry. Learn about gravimetric analysis, volumetric analysis, practical skills and techniques, stoichiometric calculations. Please note this unit is mainly practical.

What skills will I develop?

A range of skills will be developed throughout the course. Some of the skills are listed below:

- Applying knowledge.
- Scientific inquiry and investigative.
- Scientific analytical thinking
- Problem solving.
- Independent working.
- Use and understand scientific literacy

How will I be assessed?

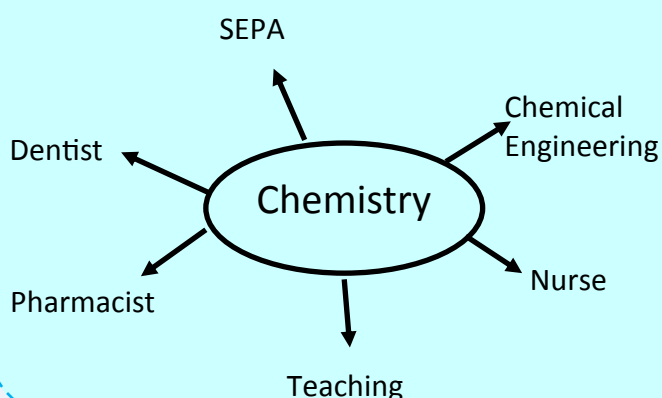
Advanced Higher units are assessed in school by your class teacher. Pupils complete an assignment in school and sit a final exam. Both of these are sent away to be marked.

What help is Advanced Higher Chemistry after school?

AH Chemistry provides an excellent preparation for the study of Chemistry or any Science related course at university and may, in some cases, give exemption from first year Chemistry courses.

Career prospects are good and benefit from the fact that Chemistry bridges all the Sciences.

Possible Careers



Need more info? -