

CHEMISTRY

AS and A2

Level: 3

BOARD: OCR

LENGTH OF COURSE: AS COURSE – FIRST YEAR

A2 COURSE – SECOND YEAR

What will I learn?

Through studying this subject you will acquire a broad knowledge of the 'first principles' governing the behaviour of chemicals and materials. The course content will be placed into a wider context, looking at the role that chemistry has to play in the world around us, which may include industrial applications, environmental issues and simple day to day chemistry that concerns each and every one of us. Such knowledge will enable you to discuss environmental, technological, economic and ethical issues with intelligence and authority. It will also equip you with the knowledge to formulate your own opinion and analyse the validity of others.

How will I learn?

The course is highly structured, with the content being delivered through a variety of approaches including; practical work, discussion based group work, data analysis, normal class work, research, private study and continual oral and written assessment with feedback.

How will I be assessed?

AS – two written examinations (80%) and coursework (20%).

A2 – A further two written examinations (80%) and coursework (20%).

Where might it lead?

An A-level science is a well respected qualification in most areas of employment, and as such there are numerous career opportunities for students leaving with an A-level in Chemistry, including; medicine and pharmacy, industrial chemistry, environmental officer.....to name a few.

What are the entry requirements?

Level 2 threshold (5 A* - C GCSE passes or equivalent). Students must have a minimum grade of BB in double certificate science. Grade C in Maths is also preferable.

Further information is available from: Dr Souter