A LEVEL CHEMISTRY

A Level Chemistry will give you an exciting insight into the contemporary world of chemistry. It covers the key concepts of chemistry and practical skills are integrated throughout the course, giving an appealing combination of academic challenge and practical focus.

Level 3 · A Level (or equivalent) · Penwith College

TOP COURSE HIGHLIGHTS

EXCELLENT LECTURER SUPPORT | SMALL CLASS SIZES | NEW LABORATORIES | LINKS TO STEM CAREERS | ENRICHMENT OPPORTUNITIES

SUPPORTIVE, SPECIALIST STAFF

The chemistry team are friendly, supportive, hardworking and committed to helping you s d. Reaching your potential in this subject relies heavily on your attendance, punctuality and commitment to learning and revision, and acting on advice given by your lecturer.

PRACTICAL FOCUS

Practical lectures will enable you to develop confidence in working experimentally, as well as increasing your knowledge and skills regarding scientific method, data analysis and the presenting of data.

ENRICHMENT ACTIVITIES

Our students have access to a wide range of enrichment activities, including competitions such as the RSC Schools Analyst Competition, the RSC Chemistry Olympiad and the Cambridge Chemistry Challenge. Students interested in medicine, dentistry and veterinary science also have the opportunity to take part in our very popular Medics' Academy.

WHY CHOOSE THIS COURSE?

If you enjoy the study of the substances that make both us and our surroundings, then chemistry is the subject for you. Chemistry is everywhere: in the food we eat and the water we drink, from the clothes we wear and our mobile phones to the medicines that keep us healthy. During this course, you will learn about chemistry in a range of different contexts and the impact it has on industry and many aspects of everyday life. You will learn to investigate and solve chemical problems in a range of contexts, truly making A Level Chemistry a challenging and interesting course.

Chemistry is truly the "central science". New breakthroughs in fields such as genetics, biochemistry, medicine and pharmacy, materials science (including nanotechnology), forensics, the environment and next generation computer hardware are all driven by chemistry. Emphasis throughout the course is on developing your knowledge, competence and confidence in practical skills and problem solving, together with enhancing your understanding of key chemical ideas and how they link to each other.

WHAT WILL I LEARN?

A Level Chemistry is an academic course designed to increase your knowledge, skills and understanding of the chemistry and related sciences and support your ability to apply that knowledge to solve problems. The course is studied as part of a programme of A Levels and has both theory and experimental components to the course. You will study through theory

and experimental based lectures, meeting new concepts and applying them to a range of situations. You will develop your problem solving and mathematical skills, as well as understanding of a range of diverse topics, and there will be a clear focus on how to apply your understanding to solve problems of increasing complexity. There is an emphasis on the application of mathematics within the course and how it can be used to explain the world around us.

WHERE WILL IT TAKE ME?

Studying Chemistry provides you with many skills such as problem solving, communication, creativity, and teamwork; hence chemistry students are much sought after and pursue careers in many exciting fields of work including medicine, dentistry, pharmacy, veterinary science, applied sciences and engineering. Chemistry is a highly respected A Level that is valued for most degree subjects. If you want to study medicine, dentistry, pharmacy, or veterinary science you will need A Level Chemistry. However, an understanding of chemistry is desirable for a variety of university courses including geology, environmental science, and materials science.

ENTRY REQUIREMENTS

A minimum of 5 GCSEs at Grade 4 or above, including at least Chemistry Grade 6 or Combined Science Grades 66, English Grade 5 or a Humanities subject Grade 5, and Maths Grade 6.

IMPORTANT

Course information can change. Please use the QR code below for the current assessment arrangements, entry requirements and start dates.

FOR THE LATEST COURSE INFORMATION

Scan for assessment arrangements, learner support, confirmed start dates and how to apply.