

winstanley college

Chemistry

A level Chemistry	Course Content	Assessment
Year 1	Module 1 – Development of Practical Skills in Chemistry Module 2 – Foundations in Chemistry Module 3 – Periodic Table and Energy Module 4 – Core Organic Chemistry	
Year 2	Module 5 – Physical Chemistry and Transition Elements Module 6 – Organic Chemistry and Analysis	Exam 1 – Periodic Table, Elements and Physical Chemistry 2hr 15mins Written Paper assessing modules 1, 2, 3 & 5 Exam 2 – Synthesis and Analytical Techniques 2hr 15mins Written Paper assessing modules 1, 2, 4 & 6 Paper 3 – Unified Chemistry 1hr 30mins Written Paper assessing modules 1, 2, 3, 4, 5 & 6 Practical Endorsement in Chemistry

Where are they now?

George Aspey

Studied: Chemistry, Biology and Geography

George got involved in the STEM activities on offer at Winstanley and this helped to develop his passion for Chemistry. He gained excellent grades and is currently studying Chemistry at the University of Liverpool where he finding the course both stimulating and challenging.

Where are they now?

Melissa Fitzsimmons

Studied: Chemistry, Biology and Mathematics

Melissa also participated fully in the extra-curricular activities during her time at the College.

She chose to combine her love for Chemistry with her ability in Maths and is currently studying Chemical Engineering at the University of Leeds.

Learning outside the classroom

STEM club

One-to-one or group support sessions

Competitions – Chemistry Olympiad and Young Analysts Competition

Nuffield Science Bursary

On line resources for independent study

Trips and Visits

Guest Speakers

Study Support

When you enrol we'll make sure that you're receiving all the support you need, for example you may be entitled to extra time in your exams, you may benefit from working with a dyslexia tutor or you may simply need help with organising your time and many pieces of paper!

Academic Challenge

If you are keen to continue with Chemistry or Chemistry related subjects when you are choosing your future study at university, you will receive help with choosing which university and which course is right for you. We'll support your development of interview skills, guide you to further reading or viewing, challenge you with additional discussion and inspire you with activities and trips. Ex Winstanley students already studying this subject at university will visit and tell you the real story and visiting speakers will give you a glimpse as to what further study in Chemistry involves.

From school pupil to Winstanley student

Most students have already achieved at least a B grade in Core and Additional Science or Separate Sciences at GCSE as well as a B in Maths.

Above all you should have a passion and a drive to study Chemistry.

We recommend that you attend one of our Taster Days where you can meet current students who will tell you what the transition from GCSE to A-Level is like as well as experiencing an A-Level Chemistry lesson.

The Royal Society of Chemistry website contains a wide range of reading material in relation to the future study of Chemistry and will help you understand the topics that will be covered in A-level Chemistry and they also offer a membership to ChemNet which is their Chemistry society for students.