

# CHEMISTRY



## MALBANK SCHOOL AND SIXTH FORM COLLEGE



### WHY MALBANK SIXTH FORM COLLEGE?

Are you interested in studying Science at university, or perhaps medicine, veterinary science, biochemistry or geology the list of courses available to you is endless of some of these courses.

A-level Chemistry is essential for some of these courses and for others it is a great advantage if you have studied A-level Chemistry.

### COURSE REQUIREMENT

It is recommended that students have at least a grade C in Separate Science Chemistry or grades CC in Dual Award Science.

The Science Department at Malbank Sixth Form College offers the finest Science education to students who are accepted on the science courses. Students are given every opportunity to gain a high quality education and the best examination results of which they are capable.

Students study each science subject for nine hours per fortnight in well-equipped laboratories, in small groups (10 to 15 students) with experienced and dedicated staff. Students are taught, rather than "lectured to", meaning that students are always fully supported and encouraged and get immediate assistance in all areas of their study. As with all courses at Malbank Sixth Form College, once a student has been accepted on to a course of study, Malbank will guarantee that full support right up to the end of the course.

AQA CHEMISTRY AT MALBANK SIXTH  
FORM COLLEGE

INTRODUCTION

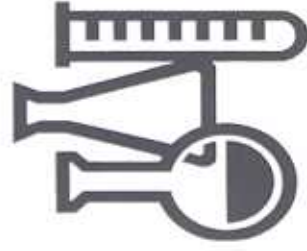
The course is a Modular course (that is, a small unit of work is learnt and then examined).

The AS level course and A- level course

occupy nine hours per fortnight, the AS level is taken in one year, the A-level in two years.

After completing the AS students may continue into year 2 of the course and complete A2.

AS + A2 = A-Level



COURSE CONTENT

AS LEVEL

Module 1: Foundation Chemistry 1

Atomic Structure, Bonding and Periodicity

Module 2: Foundation Chemistry 2

Kinetics, Equilibrium and Redox Reactions

Module 3: Foundation Chemistry 3

Introduction to Organic Chemistry and Practical Examination

A2 LEVEL

Module 4: Further Chemistry 1

Acids and Bases, Nomenclature and Isomerism in Organic Chemistry, Organic Synthesis and Analysis, Structure Determination

Module 5: Further Chemistry 2

Thermodynamics and Reactions of Inorganic Compounds in Aqueous Solution

Module 6: Further Chemistry 3

Synoptic Assessment and Practical Examination.

ASSESSMENT

Chemistry AS

Four units of assessment

Three written papers and centre assessed coursework.

Unit 1 Written paper 30% 1 hour

Unit 2 Written paper 30% 1 hour

Unit 3a Written paper 25% 1 hour

Unit 3b Practical Examination 2 hours

Chemistry A2

Four units of assessment.

Three written papers and centre assessed coursework.

Unit 4 Written paper 15% 1½ hours

Unit 5 Written paper 20% 2 hours

Unit 6a Written paper 10% 1 hour

Unit 6b Practical Examination 2 hours