

# Study Programme

# Chemistry

## (A Level)



Bishop Laney  
Sixth Form

### QUALIFICATION

GCE A Level Chemistry

### WHY SHOULD I CHOOSE THIS STUDY PROGRAMME?

Chemistry is the study of substances that make up all the matter around us, including its properties and how it interacts. Chemistry is one of the fundamental sciences and helps to make sense of the world around us as well as innovate new technologies and solve the world's most pressing problems.

A-Level chemistry can prepare you for a suite of careers, including medicine, engineering, pharmacy and the manufacturing industries.

### WHAT WILL I STUDY?

The course is split into 6 modules:

- Development of practical skills in chemistry
- Foundations in chemistry
- Periodic table and energy
- Core organic chemistry
- Physical chemistry and transition elements
- Organic chemistry and analysis

### WHAT COULD THIS QUALIFICATION LEAD TO?

A Level chemistry can lead to vocational and university courses and/or prepare you for a suite of careers, including medicine, engineering, pharmacy and the manufacturing industries



### WHAT WILL BE EXPECTED OF ME?

- A strong work ethic
- Regular attendance to lessons
- Bringing the correct equipment, including textbooks
- Completion of homework which will include pre-reading and reading around the subject
- Meeting deadlines
- An understanding that your progress is your responsibility
- The ability and willingness to work with other students
- Attendance to intervention sessions, where necessary

### WHO WILL BE INVOLVED?

- YOU!
- The teachers
- Visiting lecturers
- Hosts at university and industry visits

### ENTRY REQUIREMENTS

At least 5 GCSE Grades 9 – 4 or equivalent to include English & Maths. Also required is Science at Grade 6 or above.

### FURTHER INFORMATION

What is the assessment model?

This is a two-year course.

3 terminal exams (in year 13)

- Periodic table, elements and physical chemistry: 100 marks, 2 hours 15 minutes written paper. Counts for 37% of total A level.
- Synthesis and analytical techniques: 100 marks, 2 hours 15 minutes written paper. Counts for 37% of total A level.
- Unified Chemistry: 70 marks, 1 hour 30 minutes written paper. Counts for 26% of total A level.

The first two exams cover specific modules of the course in a lot of depth. The third exam covers the entire course, but in less depth.

There are also the practical assessments (Practical Endorsement in chemistry) which are not exam based and count separately to the A level.