



## The Course

The OCR A specification consists of six modules:

**Module 1: Development of Practical Skills in Chemistry**

**Module 2: Foundations in Chemistry**

**Module 3: Periodic Table and Energy**

**Module 4: Core Organic Chemistry and Analysis**

**Module 5: Physical Chemistry and Transition Elements**

**Module 6: Organic Chemistry and Analysis**

## Why study Chemistry?

- If you enjoy abstract thinking, analysis, problem solving and the application of ideas to new situations, Chemistry is an excellent A Level choice.
- Chemistry supports other subjects, in particular Biology, and it is a requirement for students wanting to study Veterinary Science, Dentistry, Pharmacy or Medicine.

As well as being an academic subject, Chemistry involves a good deal of hands-on work, preparing candidates for the practical endorsement.

## Medicine

Chemistry, one other science, and one other subject is the general requirement at A Level. Most universities require Biology as the second science. We would advise students, therefore, to include both Chemistry and Biology in their choices at A Level, to give them access to the full range of courses available.



### **Veterinary Science**

Chemistry and Biology are required at A Level along with one other academic subject.

### **Dentistry**

All universities require Chemistry as one of the necessary A Levels, and the majority require Biology along with one other subject.

### **Other Careers**

Pharmacy, Forensic Science, Medicinal Chemistry, Astrochemist, Atmospheric Chemist, Fine Fragrance Evaluator and Chemistry combined with lots of other subjects or options, to name but a few.

### **What do I need to study Chemistry?**

Students will require a minimum Grade 7 in Chemistry GCSE or Grade 7/7 in Combined Science, with a minimum Grade 7 on the Chemistry paper (Grade 8 is strongly recommended). In addition, a Grade 7 in Mathematics would be an advantage.

A Level subject video available here: <https://www.youtube.com/watch?v=RFjWtRaMaos>

