



## STEM Pathway

Students can choose from the following courses:  
**Biology, Chemistry, Maths, Physics,  
Psychology, and Engineering.**

Complementary subjects:  
**Geography, Languages, Psychology and Sociology.**

# A-Level Chemistry

The STEM Pathway

## Why study Chemistry? What does the course involve?

The Chemistry course is aimed to challenge the way you see the world. You will find out how atoms and molecules interact with each other and with you. Chemistry is one of the subjects that allows access to the top universities in addition to being an entry requirement for many jobs and professions

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

**Module 2:** Foundations in Chemistry

**Module 3:** Periodic table and energy

**Module 4:** Core organic Chemistry

**Module 5:** Physical Chemistry and transition elements

**Module 6:** Organic Chemistry and analysis

## What can the qualification lead to?

Chemistry is used in most fields. Doctors, nurses, dentists, pharmacists, physical, therapists, veterinarians, Science teachers, fire fighters and people who make fireworks learn about chemistry and so do truck drivers, plumbers, artists, hairdressers, chefs... the list is extensive.

### Who is it for?

Every reaction in nature is ruled by chemistry, from metal rusting to your digestion. If you have a curious mind, then a chemistry course will help you answer all the questions you may have about the world and your environment.