



# Chemistry.

*Chemistry explores the structure, composition, and reactions between all elements, compounds, and mixtures that exist in the Universe.*

**ATAR - BOARD DEVELOPED - CATEGORY A**

## About the Course

Chemistry involves using a scientific process in the development and pursuit of new materials. It requires students to use their imagination to visualise the minuscule world of atoms to gain a better understanding of how chemicals interact. The subject helps humanity to address our energy needs and uses, create new materials, and engage with sustainability challenges. [Find out more here.](#)

## What You Will Do

During the course, you will engage with topics including *Properties and Structure of Matter, Introduction to Quantitative Chemistry, Reactive Chemistry, Drivers of Chemical Reactions, Equilibrium and Acid Reactions, Acid/Base Reactions, Organic Chemistry, and Applying Chemical Ideas*. As well as the theoretical component of the course, practical activities are a core component. This is a highly academic course that requires a high level of mathematics.

## Future Opportunities

Chemistry is suited to students wishing to study Medicine or Nursing, Medical Imagery, Advanced Chemistry, or other Sciences at University. Viticulture and Agricultural careers would also benefit from an understanding of Chemistry.