

.What is it?

Chemistry - ATAR is the study of composition, properties and the behaviour of matter.

Ever wondered how your phone battery holds charge and why it dies after a few years? Or how a Panadol can lessen the pain you are in? Perhaps you want to know how makeup is made or how sunscreen protects you from UV rays.

Everything around us is made of chemicals; from the air you breathe, the food you eat, the clothes you wear and computers you use. If you are learning about chemistry then you are learning about everything you can see, smell, touch, hear and taste!

for more information

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Visit

American Chemical Society

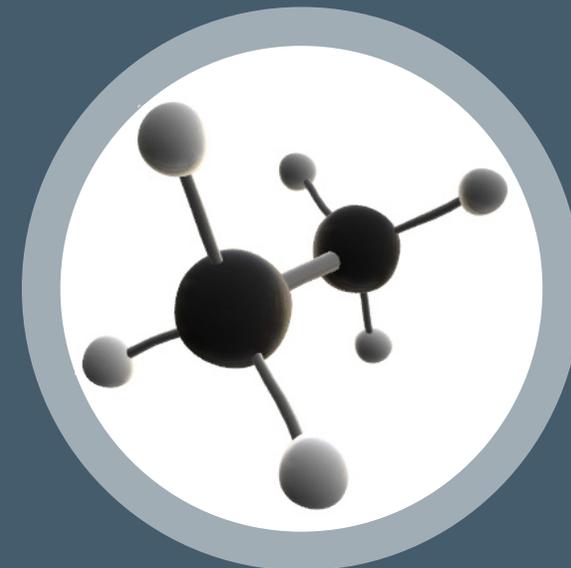
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UWA

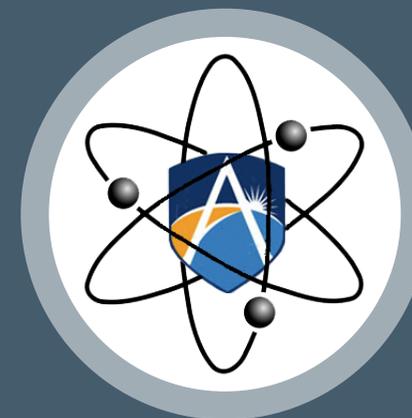
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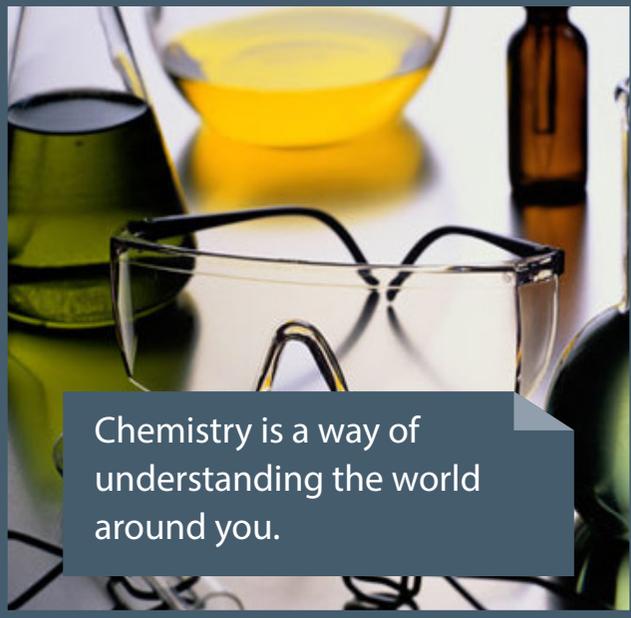
Curtin

<http://chemistry.curtin.edu.au/>



Chemistry





Chemistry is a way of understanding the world around you.

.Why study it?

For better or for worse, everything is a chemical!

A solid foundation in Chemistry helps to bring together the ideas in physics, mathematics, biology, medicine, and the earth and environmental sciences.

Chemical knowledge has already benefited a variety of areas such as, food preservation; water purification; plastic recycling; cosmetics; medical treatments and many more. The future will no doubt hold amazing new materials and applications.

.What do I need?

Chemistry is focused on scientific and critical analysis as well as practical lab work.

Students develop a range of practical skills through investigations and hands on experiments. The content requires abstract thinking and strong mathematical capabilities.

Assessment items include:

- Scientific reports
- Tests
- Investigations
- Group projects
- Research
- Exams

.Where will it take me?

A background in Chemistry opens the door to an incredible amount of different careers.



It may be obvious to you that a chemistry background is important if you plan to work in the chemical industry. However, it may be less obvious to you that a significant knowledge of chemistry is often required in a number of related professions!

Some career pathways include:

- Biochemist
- Pharmacologist
- Biologist
- Cosmetics
- Beer making
- Astrochemist
- Environmental
- Medicine
- Genetics
- Forensics