



Course Information

Sciences

Chemistry | CHE

ATAR

A2CHE

Unit 2 Molecular interactions and reactions

In this unit, students will understand how molecular shape and intermolecular forces explain substance properties and solubility in water. They will use kinetic theory to explain gas behaviour and collision theory to predict reaction rates under varying conditions. Students will explore the development and limitations of chemical models and theories based on diverse evidence and will use inquiry skills to investigate gases, water, aqueous solutions, acids, bases, and factors affecting reaction rates. Additionally, students will evaluate knowledge with empirical evidence, communicate, predict, and explain chemical phenomena using qualitative and quantitative representations.

Note: Students studying Chemistry 11 in both semester 1+2 will be coded AECHE



Prerequisites

Minimum C grade in
Year 10 Computing or
equivalent standard



Type of Assessment

20% Investigation
20% Data Interpretation/Short Answer
20% Extended Answer
40% Examination



Year of Study

Year 11



Costs

Unit Cost \$35