

PREREQUISITES

Merit passes in both NCEA Science 1.5 Acids and Bases and Chemistry 1.1 Chemical Investigation. A good standard of Mathematics and English along with a sound work ethic are required.

If entry requirements are not met, an interview with the HoD or Teacher in Charge is required.

CO-REQUISITES

NCEA Mathematics Level 2 is recommended

COURSE OUTLINE

A contextual study which allows students to discover the feel, colour, smell and energy of chemical changes relevant to everyday life.

For all students, this will be their first serious study of chemistry as a discipline.

Topics include:

- Atomic Structure & Bonding
- Analytical Chemistry
- Organic substances
- Chemical Reactivity
- Oxidation and Reduction

ASSESSMENT

Three Achievement standards are assessed internally and focus on practical work, associated theory and problem solving skills. These are carried out on an individual basis and have a total of 10 credits.

Three Achievement Standards are assessed externally and have a total of 13 credits.

WHERE DOES IT LEAD

Chemistry leads to many career pathways or tertiary study in a variety of fields such as Engineering, Agricultural Science, Sports Science, Physiotherapy, Pharmacy, Food Science, Forestry and Medicine. Level 2 Chemistry is also helpful when considering courses such as Diploma of Agricultural Science.

CONTRIBUTION

Approximately \$45 for workbook and access to online database

CONTACT Ms Whytock