

<b>Subject name</b>	Science
<b>Subject code</b>	SCI
<b>Additional subject cost</b>	Nil
<b>Prerequisites</b>	Nil
<b>Course overview</b>	Science helps our understanding of the world around us. Everything we know about the universe from how trees reproduce to what an atom is made up of is the results of scientific research and experiments. Science teaches you many valuable skills including being able to analyse information to draw conclusions from evidence.

**Course outline**

Area	Year 9	Year 10
Biology	Body systems, ecosystems	Genetics and evolution
Chemistry	Atomic structure, chemical reactions, radioactivity	Periodic table, rates of reaction
Physics and Earth Sciences	Energy transfers, plate tectonics and Earth's structure	Laws of motion

<b>Assessment</b>	There will be a balance of assessment techniques used throughout the course to enable students to demonstrate what they know and can do. Assessment tasks include data tests, scientific experimental reports, research investigations and supervised examinations. Students will be required to complete aspects of all tasks in class while some will require significant attention as part of their homework.
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<b>Subject requirements</b>	Nil
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<b>Career opportunities</b>	Many careers need science knowledge and skills: beauty therapy, chiropractic, dental, electrical services, engineering, geology, hospitality, medicine, nursing, pharmacy, physiotherapy, veterinary science and wildlife management to name just a few.
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