Science Courses

The Department of Science offers five courses. The courses are designed to meet a range of interests, abilities and career needs. There is a significant choice of units to be studied and several courses are closely related to further study at a tertiary institution.

- BIOLOGY (T)
- CHEMISTRY (T)
- EARTH SCIENCE (T)
- ELECTROTECHNOLOGY (A)
- PHYSICS (T)
Earth Science (T)
Environmental issues are the focus of Earth Science. The area of Environmental Science is rapidly growing as society recognises a need to address the impact of human influences on the environment. Environmental scientists are employed widely by the government, private sectors and research organisations. Students in this course will have the opportunity to conduct research and experiments in the field. Units offered include Land, Water, Geology and Oceanography.

Physics (T)
Physics is a prerequisite for medicine, engineering, veterinary science, the air force (aircrew), and is desirable in architecture and most science or technology-based careers. It is strongly advised that students undertake a minimum of Mathematics Applications (T) as a co-requisite.

Biology (T)
Biology (T) allows students to study a broad range of Biology subjects including environmental and human oriented units. The course caters for students intending to go on to further studies in Biology or related fields such as Nursing, Health Science, Horticulture, National Park Management, Medicine, Pathology, Dentistry and Pharmacy.

Chemistry (T)
This course is suitable for students who intend to study Chemistry or a science related subject at a tertiary institution. Experience has shown attempting at least Mathematics Applications (T) is beneficial for success in this course.

Chemistry is a prerequisite for Medicine, Dentistry and Materials Conservation and is recommended for a wide range of subjects including Nursing and Engineering.

ELECTROTECHNOLOGY
Electricity and Electronics (A)
This course is aimed at students who would like a comprehensive grounding in preparation for trade courses in electrotechnology (electrician) or electronics (technician).