

SCIENCE

SCI 102

This course is for students who would be more likely to succeed where the content of the material has been reduced from that required for SCI 101. This course is more practically based and is mainly internally assessed by selecting standards from the list below. All are worth 4 credits. Some students will be assessed with an additional external achievement standard if appropriate.

INTERNAL ASSESSMENT

Domain	Title	AS Code and Number	Content
Science (Planet Earth & Beyond)	Demonstrate understanding of the formation of surface features in New Zealand.	Science 1.13 AS90952	Tsunamis, Earthquakes, Mudslides Hydrology
Science (Material)	Carry out a practical chemistry investigation, with direction.	Chemistry 1.1 AS90930	Chemical reactions, particle collisions, scientific method
Agriculture/Horticulture	Demonstrate practical skills used in agricultural or horticultural production	Agriculture and Horticulture 1.2 AS90157	Pruning, equipment maintenance, electric fences, compost, fertilisers, potting mix
Agriculture/Horticulture	Demonstrate Basic Plant Propagation Techniques	Agriculture and Horticulture 1.9 AS90923	Cuttings, greenhouse controls, grafting, seed, soil types and other media
Science (Planet Earth and Beyond)	Demonstrate understanding of the effect on planet Earth of astronomical cycles.	Science 1.15 AS90954	Tides, Phases of the Moon, Weather Changes

Suggested further study	:	BIO 201, CHE 301, PHY 301
Course costs/special equipment needed	:	Revision/homework book \$20
Contact persons	:	Mr C Reddington or Mr S McMillan