

**PREREQUISITES** None

### **COURSE OUTLINE**

New Zealand needs people who are able to apply agricultural science knowledge and skills to new situations and to the solving of agricultural problems. Such knowledge and skills are crucial to our future, but often in short supply.

This programme is based around realistic and practical contexts. Students learn to explore agricultural issues and to communicate their ideas to others. They develop the skills of planning, investigating, designing, drawing, and model-making and capabilities in using digital tools and processes. They use creativity, logic, and knowledge to find innovative solutions to real-life problems all with an agricultural focus.

Field trials, field trips and practical aspects are incorporated all throughout the course which covers aspects of;

- Scientific investigation
- Pasture, crop, livestock and soil management
- Environmental impacts of agriculture
- Geographic distributions of primary products

### **ASSESSMENT**

Agricultural Science at level 1 NCEA offers 14 internal credits and 9 external credits.

### **WHERE DOES IT LEAD?**

Career pathways include careers as varied as farm consultant, turf manager, fencing contractor, agribusiness consultant, aerial spray technician, shearer, veterinarian, plant or livestock pathologist, farmhand and forestry worker. They can also lead to related fields such as scientific research, packaging design, and food processing and marketing.

### **CONTRIBUTION**

Variable costs for field trips. Agricultural Science Workbook \$25

### **LITERACY/NUMERACY LEVEL 1**

19 Literacy Credits and 4 Numeracy Credits for internal and external Achievement Standards.

### **CONTACT**

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