

12 AGB — AGRIBUSINESS

INTRODUCTION

Agribusiness is at the heart of how New Zealand earns a living. 70% of our merchandise export earnings and around 12% of Gross Domestic Product is from Primary Industries. New Zealand's primary industry is a multi-billion dollar sector but it's not what it used to be, and it is changing every day.

Today's agribusinesses are sophisticated multi-million dollar businesses run by owners and employees who have the many skills that are required to run these enterprises. Agribusinesses want highly skilled and motivate young people with strong educational backgrounds aligned to the many specialist fields across the value chain.

FUTURE PATHWAYS

Industry forecasts show across the value chain of agribusinesses there are skill shortages. They need environmental scientists, engineers, economists, accountants, marketing, business professionals and much more. In simple terms this means there are well paid career opportunities available.

CONTENT

The Year 12 Agribusiness Course is designed to provide students with a broad Agribusiness experience. It covers concepts in Agri-innovation, Agri-science, Agri-management and finance, and Agri-marketing and economics so provides student with varied skills and knowledge that will enable opportunities in a range of careers in Agribusiness and/or for study of Agribusiness at tertiary level.

A selection of internal and external assessments (to a value of 16–20 credits) will be chosen from the suite of achievement standards in the matrix below.

STRANDS			
Agri-innovation	Agriscience	Agri-management and finance	Agri-marketing and economics
LO: 7-1 Examine the impact of influences on agribusinesses to meet present and future needs, viability, and protection of the environment.	LO: 7-2 Examine how scientific principles, concepts and knowledge are applied in agribusinesses to ensure present and future primary production.	LO: 7-3 Examine the decision-making by agribusinesses in producing & selling a primary product &/or secondary products & services linked to the primary sector & the way they interact in specific sectors & markets.	LO: 7-4 Examine decisions in agribusinesses that allow producers to enhance and sustain local and/or global primary production and enterprise.
AS90811 Education for Sustainability 2.2 Explain how human activity in a biophysical environment has consequences for a sustainable future. 4 Credits Internal	AS91292 Ag and Hort Science 2.4 Demonstrate understanding of how management practices influence plant growth and development in NZ commercial production. 4 Credits Internal	AS91481 Accounting 2.5 Demonstrate understanding of a contemporary accounting issue for decision making. 4 Credits Internal	91223 Economics 2.2 Analyse international trade using economic concepts and models 4 Credits External
AS90844 Business Studies 2.2 Demonstrate understanding of how a large business responds to external factors. 4 Credits External	AS91163 Chemistry 2.3 Demonstrate understanding of the chemistry used in the development of a current technology. 3 Credits Internal		AS91385 Business Studies 3.7 Investigate the exporting potential of a New Zealand business in a market, with consultation 3 Credits Internal
	AS91295 Ag and Hort Science 2.7 Demonstrate understanding of interactions between livestock behaviour & NZ commercial management practices 4 Credits Internal	AS xxxxx Agribusiness 2.4 Demonstrate understanding of cash flow forecasting for a business. 4 Credits Internal	
AS xxxxx Agribusiness 2.1 Demonstrate understanding of future proofing in a business. 4 Credits Internal	AS xxxxx Agribusiness 2.2 Demonstrate understanding of the manipulation of organisms for future needs within New Zealand. 4 Credits Internal	AS xxxxx Agribusiness 2.3 Demonstrate understanding of organisational structures to meet the strategic need(s) of a business client 4 Credits Internal	AS xxxxx Agribusiness 2.5 Investigate a marketing opportunity for a business 4 Credits Internal

AS xxxxx = Achievement Standards that have been written and may be available to trial in 2017