**LEVEL TWO CENTRE OF EXCELLENCE AGRICULTURAL SCIENCE AND BUSINESS PROGRAMME**

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| Year 12 Centre of Excellence Agricultural Science and Business Programme 201 (NCEA) | |
| **WHY STUDY THIS COURSE?** | The subject Agribusiness is defined as a course of study that integrates primary industries and business beyond the farm gate, encompassed by a group of sectors (agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood and sports turf) that form the basis of modern food production.  Agribusiness 201 is the introductory course for our new Centre of Excellence in Agricultural Science and Business programme at Level Three. The course is designed to engage and expose tertiary capable students to the wide range of opportunities, skills required and career pathways available across the Agribusiness sector and is primarily for students with Merits/Excellences in Level One Sciences and/or Commerce subjects. |
| **COURSE DESCRIPTION** | Course material is based around newly created Agribusiness achievement standards developed under four strands, Science and technology, Innovation, Management and finance and Marketing. Virtual classroom technology will allow us to bring the sector to the students through a variety of online links to farms, key industry businesses, speakers from across the sector and tertiary institutions. |
| **ENTRY REQUIREMENTS** | This Centre of Excellence in Agricultural Science and Business programme has co-requisites in that it requires that students taking 201 Agribusiness be also taking either:  1. Level 2 Biology and/or Level 2 Chemistry  or  2. Level 2 Accounting and/or Level 2 Economics and/or  Level 2 Business Studies  (Note: they may also take 1. and any of 2.) |
| **COURSE COSTS** | $100 - two field trips and materials. |
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| COURSE ASSESSMENT | Course assessment will be based around the newly created Agribusiness achievement standards developed under four strands, Science and technology, Innovation, Management and finance and Marketing.  The course will be made up of external (4 credits) and internal (15 credits) achievement standards totaling 19 credits. |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No.** | **I/E** | **Level** | **Credits** | **Title** | | 91865 | I | 2 | 4 | Demonstrate understanding of future proofing influences that affect business viability. | | 91866 | I | 2 | 4 | Conduct an inquiry into the use of organisms to meet future needs. | | 91867 | I | 2 | 3 | Demonstrate understanding of a primary industry business structure that best meets the strategic needs of a business. | | 91868 | I | 2 | 4 | Demonstrate understanding of cash flow forecasting for a business. | | 90844 | E | 2 | 4 | Demonstrate understanding of how a large business responds to external factors. | | |

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| COURSE OFFERS ENDORSEMENT | Yes - subject to NZQA criteria being met. |
| **PATHWAY LINK** | Leads to, but not exclusive to Level Three Agribusiness 301(COE) |

# LEVEL THREE CENTRE OF EXCELLENCE IN AGRICULTURAL SCIENCE AND BUSINESS PROGRAMME

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| Year 13 Centre of Excellence Agricultural Science and Business Programme 301 (NCEA) | |
| **WHY STUDY THIS COURSE?** | The subject Agribusiness is defined as a course of study that integrates primary industries and business beyond the farm gate, encompassed by a group of sectors (agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood and sports turf) that form the basis of modern food production.  The Level Three Centre of Excellence in Agricultural Science and Business programme is an academic programme designed for students with strong Level 2 Sciences backgrounds and/or strong Level 2 Commerce backgrounds. |
| **COURSE DESCRIPTION** | Course material is based around newly created Agribusiness achievement standards developed under four strands, Science and technology, Innovation, Management and finance and Marketing. Virtual classroom technology will allow us to bring the sector to the students through a variety of online links to farms, key industry businesses, speakers from across the sector and tertiary institutions. |
| **ENTRY CRITERIA** | Students in the 301 Centre of Excellence programme will take:   1. 301 Agribusiness **(compulsory**) 2. **At least one** of Level 3 Biology and/or Chemistry and/or Level 3 Accounting and/or Economics and/or Business Studies (**compulsory**) 3. Level 3 Agricultural and Horticultural Science (**strongly recommended**)   **Note:**   1. Mathematics with Statistics is also encouraged. 2. Students interested in applying to be in this Level Three Centre of Excellence programme need to see Mr Hampton in the first instance, to check that they meet the entry criteria. 3. Because numbers are limited, those students who meet the criteria will then be given an application form to complete, available from Mr Hampton, and a final selection will be made from the applicants. 4. This application process is not part of the normal electronic subject selection process. Students who gain entry to this programme will have nominated their remaining subjects on the application form and Mr Hampton will enter them. |
| **301 COURSE COSTS** | $100 - two field trips and materials. |
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| COURSE ASSESSMENT | Course assessment will be based around the newly created Agribusiness achievement standards developed under four strands, Science and technology, Innovation, Management and finance and Marketing.  The course will be made up of external (5 credits) and internal (18 credits) achievement standards totaling 23 credits. |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No.** | **I/E** | **Level** | **Credits** | **Title** | | 91869 | I | 3 | 4 | Analyse future proofing strategies to ensure long term viability of a business. | | 91870 | I | 3 | 4 | Analyse the effect of financing options of a strategic capital expenditure decision on a business. | | 91871 | I | 3 | 4 | Analyse how a product meets market needs through innovation in the value chain. | | 91382 | I | 3 | 6 | Develop a marketing plan for a new or existing product. | | 91530 | E | 3 | 5 | Demonstrate understanding of how market forces affect supply of and demand for New Zealand primary products. | | |

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| COURSE OFFERS UE & ENDORSEMENT | Yes - subject to NZQA criteria being met. |
| **PATHWAY LINK** | Leads to tertiary education. |