

Agricultural Economics

Year and Campus:	2016																										
Coordinator:	Ms Ros Gall																										
Contact:	Currently enrolled students: Contact Stop 1 (http://students.unimelb.edu.au/stop1)																										
Overview:	<p>This major will provide graduates with a depth and breadth of understanding of economics the context of agricultural production systems. Students will study subjects in economics, resource and farm management, and value chain analysis. Graduates of this major will be well equipped to analyse agricultural systems from an economic perspective, and provide advice on management decision making in this context.</p> <p>This major will be available to students enrolling in first year of the B Ag in 2016. The subjects comprising this new major are subject to review in 2016, and may be altered for 2017.</p>																										
Learning Outcomes:	<p>On completion of this major, students will have:</p> <ul style="list-style-type: none"> # a strong understanding of the principles of agricultural economics and enterprise management # a 'systems-thinking' approach to agricultural production chains # the ability to critically evaluate options, and formulate plans that will ensure the long term financial and economic sustainability of production systems # skills to effectively analyse agricultural problems from an economic perspective and reach appropriate solutions; # an understanding of current issues facing agricultural production systems # the ability to communicate and discuss industry and economic information with relevant stakeholders # the capacity for initiating and maintaining cooperative relationships with colleagues # the ability to analyse and interpret agricultural financial data for appropriate decision making 																										
Structure & Available Subjects:	If studying the entire year at Parkville students in the Agricultural Economics major will study three core subjects and choose five elective subjects. If students choose to study the second semester at the Dookie Campus they will have eight core subjects to study.																										
Subject Options:	<p>Core Subjects - Year Two</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>EVSC20002 Soil and Water Resources</td> <td>Semester 2</td> <td>12.5</td> </tr> <tr> <td>AGRI20028 Research Methods for Life Science</td> <td>Semester 1</td> <td>12.5</td> </tr> </tbody> </table> <p>Optional Core Subjects - Year Two</p> <p>Students should select one of the following subjects as their third core subject:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AGRI30031 Crop Production and Management</td> <td>Semester 2</td> <td>12.5</td> </tr> <tr> <td>AGRI30029 Ecology & Management of Grazing Systems</td> <td>Semester 2</td> <td>12.5</td> </tr> </tbody> </table> <p>Year Two - Elective Subjects</p> <p>Students should select five of the following elective subjects:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AGRI20026 Plant Growth Processes</td> <td>Semester 1</td> <td>12.5</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	EVSC20002 Soil and Water Resources	Semester 2	12.5	AGRI20028 Research Methods for Life Science	Semester 1	12.5	Subject	Study Period Commencement:	Credit Points:	AGRI30031 Crop Production and Management	Semester 2	12.5	AGRI30029 Ecology & Management of Grazing Systems	Semester 2	12.5	Subject	Study Period Commencement:	Credit Points:	AGRI20026 Plant Growth Processes	Semester 1	12.5
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VETS20016 Biochemistry in Animal Systems	Semester 1	12.5
VETS20017 Principles of Production Animal Health 1	Semester 1	12.5
VETS20018 Principles of Production Animal Health 2	Semester 2	12.5
AGRI20003 Sustainable Food Systems	June	12.5
AGRI20033 Agricultural and Resource Economics	Semester 2	12.5
AGRI20024 Industry Internship	Summer Term, Semester 1, Semester 2	12.5
UNIB20012 Water for Sustainable Futures	Semester 1	12.5
DASC20010 Applied Animal Physiology	Semester 2	12.5
DASC20012 Comparative Nutrition and Digestion	Semester 1	12.5

Dookie Option

Students will also have the option of studying Semester 2 of Year 2 at the Dookie Campus. A core program will be available for this option incorporating subjects from the core and elective subjects above.

Year Three - Core Subjects

Subject	Study Period Commencement:	Credit Points:
AGRI30034 Applied Industry Studies	Not offered 2016	25
AGRI30033 Farm Management Economics	Semester 1	12.5
AGRI30003 Agricultural Systems Analysis	Semester 2	12.5

Year Three - Elective Subjects

Subject	Study Period Commencement:	Credit Points:
AGRI30030 Livestock Production Systems	Semester 1	12.5
AGRI30012 Food & Water:Global Issues Local Impacts	September	12.5
VETS30011 Animal Disease Biotechnology 1	Semester 1	12.5
VETS30012 Animal Disease Biotechnology 2	Semester 2	12.5
VETS30028 Production Animal Health Applications	Year Long	25
DASC30006 Applied Animal Reproduction & Genetics	Semester 1	12.5
VETS30028 Production Animal Health Applications	Year Long	25
DASC30015 Animal Welfare and Ethics	Semester 2	12.5
AGRI30032 Plant Health and Improvement	Semester 1	12.5
AGRI30016 Irrigation and Water Management	June	12.5

Related Course(s):

Bachelor of Agriculture