

Honours Program - Agricultural Science

Year and Campus:	2015														
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Contact:	<p>Faculty of Veterinary and Agricultural Sciences The University of Melbourne Victoria 3010 Australia http://fvas.unimelb.edu.au/about/contact (http://fvas.unimelb.edu.au/about/contact)</p>														
Overview:	<p>The honours program in Agricultural Science comprises advance coursework and an individual research project to extend students' knowledge and skills in solving research problems. After successfully completing the program, students will be prepared to either enter the workforce pursuing a career in Agriculture, or enrol for further research study through applying for a Masters or Doctor of Philosophy degree.</p> <p>Admission requirements</p> <p>In addition to satisfying the Bachelor of Science (Degree with Honours) entry requirements, students are required to have completed stream specific prerequisite (http://science.unimelb.edu.au/available-stream-requirements%20) .</p>														
Learning Outcomes:	<p>Students who have completed the Agricultural Science Honours program should have acquired:</p> <ul style="list-style-type: none"> # A "system-thinking" approach to agricultural production and land management, including an understanding of the structures of agriculture-related industries; the principle factors that determine their location, environmental impact, sustainability, profitability and international trade competitiveness; and the biophysical, economic and social factors that affect production systems; # Appropriate knowledge and the ability to critically evaluate knowledge gained from a range of scientific, economic and social sources; The ability to disseminate scientific and industry information; # Skills to effectively analyse, and scientifically evaluate agricultural problems and reach appropriate solutions; # Effective communication skills in a variety of media; # The capacity for initiating cooperative relationships with colleagues, employers and clients; # Appropriate group facilitation skills; # The ability to collect and interpret agricultural data for interpretation; # An understanding of the research methodologies necessary to design and interpret experiments; # A commitment to the highest standards of academic and intellectual integrity befitting their professional standing. 														
Structure & Available Subjects:	<p>Research Students must complete 75 points of research.</p> <p>Coursework Students must complete 25 points of coursework.</p>														
Subject Options:	<p>Research Component Students must complete 75 points of research:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AGRI40001 Land and Environment Research Project</td> <td>Semester 1, Semester 2</td> <td>25</td> </tr> <tr> <td>AGRI40002 Land and Environment Research Project</td> <td>Semester 1, Semester 2</td> <td>37.50</td> </tr> <tr> <td>AGRI40003 Land and Environment Research Project</td> <td>Semester 1, Semester 2</td> <td>50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	AGRI40001 Land and Environment Research Project	Semester 1, Semester 2	25	AGRI40002 Land and Environment Research Project	Semester 1, Semester 2	37.50	AGRI40003 Land and Environment Research Project	Semester 1, Semester 2	50
Subject	Study Period Commencement:	Credit Points:													
AGRI40001 Land and Environment Research Project	Semester 1, Semester 2	25													
AGRI40002 Land and Environment Research Project	Semester 1, Semester 2	37.50													
AGRI40003 Land and Environment Research Project	Semester 1, Semester 2	50													

Coursework Component

Students must complete 25 points of coursework.

Students must complete 25 points of:

Subject	Study Period Commencement:	Credit Points:
NRMT40005 Social Research Methods	Semester 1	12.50
MAST40001 Research Philosophies and Statistics	Semester 1	12.50

Plus one of the following subjects (Or choose one elective from the 300/400 level subjects as sanctioned by the course coordinator.)

Subject	Study Period Commencement:	Credit Points:
NRMT40001 Emerging Issues in Land Resources	Not offered 2015	12.50
DASC90012 Animal Welfare	May	12.50
DASC90006 Nutrition and Feed Science	September	12.50
DASC90008 Monogastric Science	March	12.50
DASC90010 Dairy Systems	August	12.50
AGRI90066 Soil Science and Management	Semester 1	12.50
DASC90011 Genetics and Animal Breeding	August	12.50
HORT90040 Advanced Plant Breeding and Improvement	Semester 1	12.50

Links to further information:

<http://fvas.unimelb.edu.au/study/courses/master-of-agricultural-sciences/overview>

Related Course(s):

Bachelor of Science (Degree with Honours)