

## 315PD Bachelor of Agriculture

<b>Year and Campus:</b>	2015 - Dookie
<b>CRICOS Code:</b>	037228G
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Level:</b>	Undergraduate
<b>Duration &amp; Credit Points:</b>	300 credit points taken over 36 months full time. This course is available as full or part time.
<b>Coordinator:</b>	Ms Ros Gall <a href="mailto:rosgall@unimelb.edu.au">rosgall@unimelb.edu.au</a>
<b>Contact:</b>	<p><b>Faculty of Veterinary and Agricultural Sciences</b>  The University of Melbourne  Victoria 3010 Australia  <a href="http://fvas.unimelb.edu.au/about/contact">http://fvas.unimelb.edu.au/about/contact</a> (<a href="http://fvas.unimelb.edu.au/about/contact">http://fvas.unimelb.edu.au/about/contact</a>)</p>
<b>Course Overview:</b>	<p>From 2008 the Bachelor of Agriculture course has been redesigned. The majority of first and second year subjects will be undertaken at the Parkville campus while 3rd year studies are completed in flexible delivery mode at the Dookie Campus. In first year students will undertake two subjects at the Dookie campus while one second year subject will be undertaken at Dookie. These subjects will require attendance at a residential block which will take place outside the scheduled teaching weeks.</p> <p>Agriculture is essentially the study of the management of resources for the sustainable production of food and fibre. When you study agriculture you are taught the principles and applications of science, economics and management, animal production, agribusiness, catchment management and various multidisciplinary packages such as systems analysis and management.</p>
<b>Learning Outcomes:</b>	<p>Students are introduced to the basic scientific concepts associated with agricultural production, they will then develop an understanding of the current issues faced by the industry throughout the various sectors. They will also develop knowledge of the technology available to both assess and improve the various sectors. A key focus of the course is to develop student ability to critically evaluate options as well as skills in decision making that will ensure long term industry sustainability.</p> <ul style="list-style-type: none"> <li># a 'systems-thinking' approach to agricultural production and land management, including an understanding of: the structures of agriculture-related industries; the principal factors that determine location, environmental impact, sustainability, profitability and international trade competitiveness</li> <li># an understanding of how agriculture and other land uses (including forestry and agro-forestry) influence the landscape</li> <li># appropriate knowledge and the ability to critically evaluate knowledge gained from a range of scientific, economic and social sources</li> <li># the ability to disseminate scientific and industry information</li> <li># skills to effectively analyse, and scientifically evaluate agricultural and environmental problems and reach appropriate solutions</li> <li># effective communication skills in a variety of media</li> <li># the capacity for initiating cooperative relationships with colleagues, employers and clients</li> <li># basic practical skills required to manage a farm enterprise and supervise workers</li> <li># appropriate group facilitation skills</li> <li># the ability to collect and interpret agricultural and environmental data for interpretation</li> <li># an understanding of the research methodologies necessary to design and interpret small experiments.</li> <li># a commitment to the highest standards of academic and intellectual integrity and an acceptance of the community responsibilities of citizenship befitting their professional standing.</li> </ul>

<b>Course Structure &amp; Available Subjects:</b>	Bachelor of Agriculture			
<b>Majors/Minors/ Specialisations</b>	<table border="1"> <tr> <th data-bbox="384 232 1481 286">Major/Minor/Specialisation</th> </tr> <tr> <td data-bbox="384 286 1481 340">Production Animal Health</td> </tr> <tr> <td data-bbox="384 340 1481 394">Sustainable Production</td> </tr> </table>	Major/Minor/Specialisation	Production Animal Health	Sustainable Production
Major/Minor/Specialisation				
Production Animal Health				
Sustainable Production				
<b>Entry Requirements:</b>	<p>1 In order to be considered for entry, applicants must have completed: one of</p> <p>(a) the Victorian Certificate of Education including:</p> <ul style="list-style-type: none"> <li># VCE Units 3 and 4 – either a study score of at least 25 in one of English, English Language or Literature or a study score of at least 30 in English as an Additional Language, and</li> <li># VCE Units 3 and 4 – either a study score of at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics, or a study score of at least 30 in Further Mathematics;</li> </ul> <p>(b) the International Baccalaureate Diploma including</p> <ul style="list-style-type: none"> <li># at least Grade 4 in English or English B (Standard Level or Higher Level), and</li> <li># at least Grade 5 in Mathematical Studies (SL) or at least Grade 4 in Mathematical Studies (HL), Mathematics or Further Mathematics;</li> </ul> <p>(c) a senior secondary program, foundation studies program or equivalent approved by the Academic Board including appropriate English language and Mathematics studies.</p> <p>Except for applicants eligible for Access Melbourne, minimum ATAR or equivalent overall performance rankings apply <a href="http://futurestudents.unimelb.edu.au/admissions/access_melbourne_and_equity_programs/access-melbourne">http://futurestudents.unimelb.edu.au/admissions/access_melbourne_and_equity_programs/access-melbourne</a> ).</p> <p>Meeting these requirements does not guarantee selection.</p> <p>2. In ranking applications, the Selection Committee will consider:</p> <ul style="list-style-type: none"> <li># prior academic performance.</li> </ul> <p>3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board <b>Rules</b> (<a href="http://about.unimelb.edu.au/_data/assets/pdf_file/0007/1413727/Use-of-Selection-Instruments-Rules-of-the-Acdemic-Board-23-March-2015.pdf">http://about.unimelb.edu.au/_data/assets/pdf_file/0007/1413727/Use-of-Selection-Instruments-Rules-of-the-Acdemic-Board-23-March-2015.pdf</a>) on the use of selection instruments.</p> <p>4. For applicants who have not completed the Victorian Certificate of Education or the International Baccalaureate Diploma, the undergraduate English language requirements (<a href="http://futurestudents.unimelb.edu.au/admissions/entry-requirements/language-requirements">http://futurestudents.unimelb.edu.au/admissions/entry-requirements/language-requirements</a> ) must be met.</p> <p>Note. For applications through the Victorian Tertiary Admission Centre, “middle-band” selection adjustments are made only on the basis of eligibility for Access Melbourne.</p> <p><i>Entry into undergraduate degrees is usually via applications through the Victorian Tertiary Admissions Centre (VTAC). Full details regarding the VTAC application process may be found on the VTAC website or by purchasing the VTAC Guide from newsagencies.</i></p>			
<b>Core Participation Requirements:</b>	<p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. This course requires all students to enrol in subjects where they must actively and safely contribute to field excursions and laboratory activities. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Subject Coordinator and Disability Liaison (8344 0836 or <a href="mailto:disability-liaison@unimelb.edu.au">disability-liaison@unimelb.edu.au</a> or visit <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a> for further information ). Students enrolling in the Faculty of Veterinary and Agricultural Sciences are advised that some courses of study may put them at an increased risk of contracting Q Fever. Q Fever is a relatively common preventable condition which, while rarely fatal, can cause a severe acute illness and can result in damage to heart valves and chronic fatigue. It is recommended that students consider undertaking screening and vaccination for Q Fever prior to commencement of study. Students may be required to provide proof of vaccination prior to undertaking some coursework. Your course coordinator will advise you of this requirement prior to commencement</p>			

	of the study semester. Vaccine costs for students are not covered by the Pharmaceutical Benefit Scheme, Medicare, or by the University. Some students with full private medical coverage (which has hospital and ancillary cover) may receive partial re-imbusement for vaccine costs.
<b>Further Study:</b>	Students may wish to continue their undergraduate studies and undertake their Honours year. The Faculty offers excellent opportunities for students to pursue postgraduate studies in the fields of agricultural science incorporating streams within animal science, crop science, food security and agribusiness; food science; agribusiness and wine technology and viticulture. Programs available include Graduate Certificates, Graduate Diplomas, Postgraduate Certificates, Postgraduate Diplomas, Masters (by coursework), Masters (by research) and Doctoral degrees.
<b>Graduate Attributes:</b>	Graduates will be expected to: have a strong sense of intellectual integrity and the ethics of scholarship have in-depth knowledge of their specialist discipline(s) reach a high level of achievement in writing, generic research activities, problem-solving and communication be critical and creative thinkers, with an aptitude for continued self-directed learning be adept at learning in a range of ways, including through information and communication technologies be well-informed citizens able to contribute to their communities wherever they choose to live and work be advocates for improving the sustainability of the environment engage in meaningful public discourse, with a profound awareness of community needs.
<b>Generic Skills:</b>	The Bachelor of Agriculture aims to provide students with: <ul style="list-style-type: none"> <li># the capacity for independent critical thought, rational inquiry and self-directed learning and research</li> <li># an ability to derive, interpret and analyse ecological, biological, social, technical or economic information from primary sources</li> <li># highly developed written communication skills to allow informed dialogue with individuals and groups from industry, government and the community</li> <li># an ability to participate effectively as part of a team</li> <li># an ability to plan work, use time effectively and manage small projects.</li> </ul>
<b>Links to further information:</b>	<a href="http://fvas.unimelb.edu.au/study/courses/bachelor-of-agriculture/overview">http://fvas.unimelb.edu.au/study/courses/bachelor-of-agriculture/overview</a>
<b>Notes:</b>	<p><b>Q Fever</b></p> <p>Students enrolling in the Faculty of Veterinary and Agricultural Sciences are advised that some courses of study may put them at an increased risk of contracting Q Fever. Q Fever is a relatively common preventable condition which, while rarely fatal, can cause a severe acute illness and can result in damage to heart valves and chronic fatigue. It is recommended that students consider undertaking screening and vaccination for Q Fever prior to commencement of study. Students may be required to provide proof of vaccination prior to undertaking some coursework. Your course coordinator will advise you of this requirement prior to commencement of the study semester. Vaccine costs for students are not covered by the Pharmaceutical Benefit Scheme, Medicare, or by the University. Some students with full private medical coverage (which has hospital and ancillary cover) may receive partial re-imbusement for vaccine costs.</p> <p><b>Reassessment</b></p> <p>In accordance with the University's <b>Assessment Procedure (<a href="http://policy.unimelb.edu.au/MPF1026">http://policy.unimelb.edu.au/MPF1026</a>)</b> (MPF1026), Examiners may offer reassessment (as a second attempt at passing a subject for a borderline failure in a single subject) to a student enrolled in this course. A borderline failure is defined as a mark of 45% or more.</p>