

449AA Graduate Certificate in Wine Technology and Viticulture

Year and Campus:	2015 - Dookie
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	50 credit points taken over 12 months part time.
Coordinator:	Dr Sigfredo Fuentes Email: sigfredo.fuentes@unimelb.edu.au
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>
Course Overview:	<p>The course has been developed for employees in the viticulture and/or oenology sectors of the Wine Industry, people currently employed in different careers who wish to gain employment in the wine industry, or people who are establishing or operating their own vineyard and/or winery.</p> <p>Students are introduced to the science of viticulture and wine. An integrated approach to viticulture and oenology exposes students to all operations undertaken throughout the yearly cycle on a vineyard and in a winery.</p> <p>This course is offered with a mixture of residential and online subjects and is based at the Dookie Campus of the University of Melbourne, and normally taken over one year on a part time basis.</p>
Learning Outcomes:	<p>On completion of this course, students should be able to:</p> <ul style="list-style-type: none"> # Understand and utilise the principles of chemistry and microbiology as they apply to grape production and wine making; # Interpret financial information and budgeting for decision-making under conditions of incomplete knowledge, risk and uncertainty; # Devise and implement integrative management practices and techniques for the production of quality grapes and wine; # Analyse wine quality using chemical and sensory techniques.
Course Structure & Available Subjects:	<p>The Graduate Certificate in Wine Technology and Viticulture will require the completion of three compulsory subjects and one elective subject of course work over a minimum of 12 months.</p> <p>The three core subjects introduce students to the science of viticulture and wine. The two winegrowing subjects take an integrated approach to viticulture and oenology, and on completion students will have reviewed all operations undertaken throughout the yearly cycle on a vineyard and in a winery.</p> <p>Attendance at residential schools is required for successful completion of core subjects and further learning and assessments will be undertaken online. The work undertaken during the school is generally worth 20% of the final assessment.</p> <p>Each residential school is one week long and provides the opportunity to complete practical sessions in the laboratories and tasting facilities. A tour to vineyards and wineries may also be incorporated into residential schools.</p> <p>All three core subjects in the Graduate Certificate in Wine Technology and Viticulture are offered as residential with follow up distance education. For each subject students will receive:</p> <ul style="list-style-type: none"> # Access to the subject website # Online course notes # Residential School Practical Book <p>Throughout their course students will have access to subject coordinators and other relevant staff via phone and email. During the residential school students will have access to the following facilities:</p> <ul style="list-style-type: none"> # Tasting room

	<ul style="list-style-type: none"> # Classroom # Accommodation and recreational facilities 																								
Subject Options:	<p>Core Subjects</p> <p>The course is conducted part time and includes distance education-based study and residential workshops based at the Dookie Campus.</p> <table border="1" data-bbox="391 347 1481 609"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AGRI90030 Concepts in Viticulture and Wine Science</td> <td>February</td> <td>12.50</td> </tr> <tr> <td>AGRI90031 Winegrowing</td> <td>March</td> <td>12.50</td> </tr> <tr> <td>AGRI90032 Winegrowing Operations</td> <td>August</td> <td>12.50</td> </tr> </tbody> </table> <p>Elective Subjects</p> <p>Students should choose one of the following elective subjects which are delivered online, on campus or in a multi modal style, or an alternative subject which has been approved by the course coordinator.</p> <table border="1" data-bbox="391 750 1481 1012"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AGRI90013 Financial Management for Agribusiness</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>AGRI90014 Managing Markets</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>AGRI90057 Climate Change: Agric. Impacts & Adaptation</td> <td>June, July</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	AGRI90030 Concepts in Viticulture and Wine Science	February	12.50	AGRI90031 Winegrowing	March	12.50	AGRI90032 Winegrowing Operations	August	12.50	Subject	Study Period Commencement:	Credit Points:	AGRI90013 Financial Management for Agribusiness	Semester 1	12.50	AGRI90014 Managing Markets	Semester 2	12.50	AGRI90057 Climate Change: Agric. Impacts & Adaptation	June, July	12.50
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Entry Requirements:	<ol style="list-style-type: none"> 1. In order to be considered for entry, applicants must have completed: <ul style="list-style-type: none"> * <i>either</i> # an undergraduate degree; or # a TAFE or Higher Education Advanced Diploma in an appropriate discipline and three years of documented, relevant work experience, or equivalent; or # a TAFE Diploma in an appropriate discipline and four and a half years of documented, relevant work experience, or equivalent; or # six years of documented, relevant work experience, including at least three years in a supervisory role. <p>Meeting these requirements does not guarantee selection.</p> 2. In ranking applications, the Selection Committee will consider: <ul style="list-style-type: none"> • prior academic performance; and • professional or management experience; 3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board Rules (http://about.unimelb.edu.au/_data/assets/pdf_file/0007/1413727/Use-of-Selection-Instruments-Rules-of-the-Academic-Board-23-March-2015.pdf) on the use of selection instruments. 4. The minimum English language requirements for this course are Band 6.5 English language requirements. <p>http://futurestudents.unimelb.edu.au/admissions/entry-requirements/language-requirements (http://futurestudents.unimelb.edu.au/admissions/entry-requirements/language-requirements)</p> 																								
Core Participation Requirements:	<p>The Faculty of Veterinary and Agricultural Sciences (FVAS) welcomes applications from students with disabilities. It is University and faculty policy to take reasonable steps to make reasonable adjustments so as to enable the student's participation in the Faculty's programs. FVAS contributes to the New Generation degrees and offers a broad range of programs across undergraduate and post-graduate levels many of which adopt a multi-disciplinary approach. Students of the Faculty's courses must possess intellectual, ethical, and emotional capabilities required to participate in the full curriculum and to achieve the levels of competence required by the Faculty. Candidates must have abilities and skills in observation; motor in relevant areas;</p>																								

	<p>communication; in conceptual, integrative, and quantitative dimensions; and in behavioural and social dimensions. Adjustments can be provided to minimise the impact of a disability, however students need to be able to participate in the program in an independent manner and with regard to their safety and the safety of others. I. Observation: In some contexts, the student must be able to observe demonstrations and experiments in the basic and applied sciences. More broadly, observation requires reading text, diagrams, maps, drawings and numerical data. The candidate should be able to observe details at a number of scales and record useful observations in discipline dependant contexts. II. Communication: A candidate should be able to communicate with fellow students, professional and academic staff, members of relevant professions and the public. A candidate must be able to communicate effectively and sensitively. Communication includes not only speech but also reading and writing. III. Motor: Candidates should have sufficient motor function necessary for participation in the inherent discipline-related activities. The practical work, design work, field work, diagnostic procedures, laboratory tests, require varying motor movement abilities. Off campus investigations may include visits to construction sites, urban, rural and/or remote environments. IV. Intellectual-Conceptual, Integrative and Quantitative Abilities: These abilities include measurement, calculation, reasoning, analysis, and synthesis. Problem solving, the critical skill demanded of professionals in land and environment industries, requires all of these intellectual abilities. In addition, the candidate should be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures. V. Behavioural and Social Attributes: A candidate must possess behavioural and social attributes that enable them to participate in a complex learning environment. Students are required to take responsibility for their own participation and learning. They also contribute to the learning of other students in collaborative learning environments, demonstrating interpersonal skills and an understanding of the needs of other students. Assessment may include the outcomes of tasks completed in collaboration with other students. Students who feel their disability will prevent them from meeting the above academic requirements are encouraged to contact the Disability Liaison Unit.</p>
<p>Graduate Attributes:</p>	<p>The Melbourne Experience enables our Graduates to become: Academically excellent Our Graduates will be expected to: -have 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 Knowledgeable across disciplines Our graduates will be expected to: -examine critically, synthesise and evaluate knowledge across a broad range of disciplines -expand their analytical and cognitive skills through learning experiences in diverse subjects -have the capacity to participate fully in collaborative learning and to confront unfamiliar problems -have a set of flexible and transferable skills for different types of employment. Leaders in communities Our graduates will be expected to: -initiate and implement constructive change in their communities, including professions and workplaces -have excellent interpersonal and decision-making skills, including an awareness of personal strengths and limitations -mentor future generations of learners -engage in meaningful public discourse, with a profound awareness of community needs Attuned to cultural diversity Our graduates will be expected to: -Value different cultures -be well-informed citizens able to contribute to their communities wherever they -choose to live and work -have an understanding of the social and cultural diversity in our community -respect Indigenous knowledge, cultures and values Active global citizens Our graduates will be expected to: -accept social and civic responsibilities -be advocates for improving the sustainability of the environment -have a broad global understanding, with a high regard for human rights, equality and ethics.</p>
<p>Generic Skills:</p>	<p>It is expected students will develop:</p> <ul style="list-style-type: none"> # Ability to plan work, use time effectively and manage small projects # capacity to articulate knowledge and understanding in oral and written presentations and to allow informed dialogue with individuals and groups from industry, government and the community
<p>Links to further information:</p>	<p>http://vas.unimelb.edu.au/study/courses/graduate-certificate-in-wine-technology-and-viticulture/overview</p>
<p>Notes:</p>	<p>In accordance with the University's Assessment Procedure (http://policy.unimelb.edu.au/MPF1026) (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>