

AGRI90043 Advanced Viticulture Techniques

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2015. Flexible delivery involving online learning through the Learning Management System (LMS) and attendance at a 5 day compulsory residential school in July/August at the Dookie campus.
Time Commitment:	Contact Hours: 40 hours during the one-week compulsory residential school. Total Time Commitment: 170 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	A general understanding of industry viticulture techniques.
Non Allowed Subjects:	None
Core Participation Requirements:	Attend the 5 day residential school at the Dookie campus. For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison website: http://www.services.unimelb.edu.au/disability/
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Subject Overview:	This subject attempts to develop an understanding of the range of contemporary management practices designed around manipulating grapevine capacity and fruit quality in order to optimize grower returns. Emphasis is also placed on understanding requirements for vineyard establishment and management within a sustainable environmental management framework.
Learning Outcomes:	<p>After completion of this subject students should be able to;</p> <ul style="list-style-type: none"> * use advanced analytical and field-based techniques to determine fruit composition; * formulate yield and quality management approaches to optimise grower returns; * measure aspects of soil and plant water, plant nutrition and weather to propose methods to manipulate grapevine capacity and fruit quality; * research and apply precision management techniques to site selection, vineyard establishment and vineyard management situations; * undertake vineyard risk assessments to formulate resultant action plans to operate vineyard enterprises within a sustainable environmental management framework.
Assessment:	Assignment 1 - 2000 words (due approximately week 7 - 40%) Assignment 2 - 3000 words (due approximately week 12 - 60%)
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Related Course(s):	Master of Wine Technology and Viticulture