

## AGRI90043 Advanced Viticulture Techniques

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	This subject is not offered in 2013. Not offered in 2013. Flexible delivery involving online learning through the Learning Management System (LMS) and attendance at one 1-week compulsory residential school.
<b>Time Commitment:</b>	Contact Hours: 40 hours during the one-week compulsory residential school. Total Time Commitment: 128 hours Students are expected to devote 8 hours per week (11 weeks) to this subject as well as attend a one-week compulsory residential school.
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	A general understanding of industry viticulture techniques.
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	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 Unit website: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Contact:</b>	<b>Melbourne School of Land &amp; Environment Student Centre</b> Ground Floor, Melbourne School of Land & Environment (building 142) <i>Enquiries</i> Phone: 13 MELB (13 6352) Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> ( <a href="mailto:13MELB@unimelb.edu.au">mailto:13MELB@unimelb.edu.au</a> )
<b>Subject Overview:</b>	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.
<b>Objectives:</b>	After completion of this subject students should be able to; <ul style="list-style-type: none"> <li>* use advanced analytical and field-based techniques to determine fruit composition</li> <li>* formulate yield and quality management approaches to optimise grower returns</li> <li>* measure aspects of soil and plant water, plant nutrition and weather to propose methods to manipulate grapevine capacity and fruit quality</li> <li>* research and apply precision management techniques to site selection, vineyard establishment and vineyard management situations</li> <li>* undertake vineyard risk assessments to formulate resultant action plans to operate vineyard enterprises within a sustainable environmental management framework</li> </ul>
<b>Assessment:</b>	Assignment 1 (3000 words) due week 7 - 30%; Assignment 2 (4000 words) due week 12 - 70%
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<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>Generic Skills:</b>	N/A
<b>Related Course(s):</b>	Master of Wine Technology and Viticulture