

AGRI90040 Managing Grapevine Physiology

Credit Points:	12.50														
Level:	9 (Graduate/Postgraduate)														
Dates & Locations:	This subject is not offered in 2014. Flexible delivery involving online learning through the Learning Management System (LMS) and attendance at a 5 day compulsory residential school in April/May. http://www.land-environment.unimelb.edu.au/docs/future-students/grad/graduate-wine-technology-and-viticulture-residential-schools-2014-dookie-campus.pdf														
Time Commitment:	Contact Hours: 40 hours during the 1-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 1-week compulsory residential school.														
Prerequisites:	<table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>AGRI90031 Winegrowing</td><td>March</td><td>12.50</td></tr><tr><td>AGRI90030 Concepts in Viticulture and Wine Science</td><td>March</td><td>12.50</td></tr><tr><td>AGRI90032 Winegrowing Operations</td><td>August</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	AGRI90031 Winegrowing	March	12.50	AGRI90030 Concepts in Viticulture and Wine Science	March	12.50	AGRI90032 Winegrowing Operations	August	12.50
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AGRI90031 Winegrowing	March	12.50													
AGRI90030 Concepts in Viticulture and Wine Science	March	12.50													
AGRI90032 Winegrowing Operations	August	12.50													
Corequisites:	None														
Recommended Background Knowledge:	None														
Non Allowed Subjects:	None														
Core Participation Requirements:	Attend the four day residential school. 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: http://www.services.unimelb.edu.au/disability/														
Contact:	Melbourne School of Land & Environment Student Centre Ground Floor, Melbourne School of Land & Environment (building 142) <i>Enquiries</i> Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)														
Subject Overview:	This subject is an advanced viticulture subject that builds on the principles and practices developed in the viticulture components of AGRI90031 Winegrowing and AGRI90032 Winegrowing Operations. The subject investigates the biology of the grapevine in detail and methods for developing and manipulating yield and quality using advanced management techniques. The subject also reviews vineyard monitoring and computer-aided decision making, along with the implementation of precision viticulture.														
Learning Outcomes:	On completing this subject students will be able to: <ul style="list-style-type: none">• Understand the biology of the grapevine in detail• Apply methods for developing and manipulating yield and quality using prescribed techniques• Employ and evaluate computer-aided management tools• Monitor vineyard attributes as part of a precision viticulture approach.														
Assessment:	Practical book from residential school (1000 words - 20%) due one week after residential school Assignment 1 (2,000 words - 20%) due week 6 Assignment 2 (2,000 words - 20%) due week 11 Examination x 2 hours (40%)														
Prescribed Texts:	Mullins, M.G., Bouquet, A. and Williams, L.E. (1992) Biology of the grapevine. Cambridge University Press, NY. Dry, P.R. and Coombe, B.G. (eds) (2004) Viticulture. Volume 1:														

	Resources. (2nd Edn). Winetitles, Adelaide. Coombe, B.G. and Dry, P.R. (eds) (1992) Viticulture. Volume 2: Practices. Winetitles, Adelaide. Cole, M. (Ed) (2006) AVI – Grapes. CRCV Technologies. Adelaide. (CD ROM). Gladstones, J. (1992), Viticulture and Environment. Winetitles, Adelaide. Rankine, B. (2004), Making Good Wine. Pan Macmillan, Sydney.
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
Generic Skills:	None
Related Course(s):	Graduate Diploma in Wine Technology and Viticulture Master of Wine Technology and Viticulture