

AGRI90040 Managing Grapevine Physiology

Viticulture and Wine Science

Credit Points:	12.5														
Level:	9 (Graduate/Postgraduate)														
Dates & Locations:	2015, Dookie This subject commences in the following study period/s: Semester 1, Dookie - Taught online/distance. Flexible delivery involving online learning through the Learning Management System (LMS)														
Time Commitment:	Contact Hours: N/A Total Time Commitment: 170 hours.														
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>February</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	February	12.50	AGRI90032 Winegrowing Operations	August	12.50
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AGRI90032 Winegrowing Operations	August	12.50													
Corequisites:	None														
Recommended Background Knowledge:	None														
Non Allowed Subjects:	None														
Core Participation Requirements:	<p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <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. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p>														
Coordinator:	Dr Sigfredo Fuentes														
Contact:	sigfredo.fuentes@unimelb.edu.au (mailto:sigfredo.fuentes@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:	Assignment 1 - 1500 words (due approximately week 5 - 30%), assignment 2 - 3500 words - including a draft which is due in approximately week 6 (final version due approximately week 12 - 70%).														

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
Related Course(s):	Master of Wine Technology and Viticulture