208-822 Managing Grapevine Physiology

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2009. Flexible delivery involving printed learning material and attendance at one 4-day compulsory residential school held at the Dookie Campus of the University of Melbourne in the week prior to the commencement of Semester 1.
Time Commitment:	Total Time Commitment: Students are expected to devote 12 hours per week to this subject as well as attend a four-day compulsory residential school.
Prerequisites:	1. Concepts in Viticulture and Wine Science 2. Winegrowing 3. Winegrowing Operations
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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
Contact:	Postgraduate Officer, Melbourne School of Land and Environment, Email: msle-pgcoursework@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 208812 Winegrowing and 208813 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.
Assessment:	Practical book from Residential school (20%) due one week after residential school; Assignment 1 (20%) due week 6; Assignment 2 (20%) due week 11; One three-hour examination (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
Related Course(s):	Graduate Diploma in Wine Technology and Viticulture Master of Wine Technology and Viticulture