

AGRI90040 Managing Grapevine Physiology

| Credit Points: | 12.50 | | | | | | | | | | | | |
|--|--|----------------|----------------------------|----------------|-----------------------|-------|-------|--|----------|-------|----------------------------------|------|-------|
| Level: | 9 (Graduate/Postgraduate) | | | | | | | | | | | | |
| Dates & Locations: | 2012, Dookie This subject commences in the following study period/s: April, Dookie - Taught on campus. Offered at the Dookie campus - residential school 307/04/12 - 04/05/12. Confirm dates and residential details with Faculty. Not offered in 2013. Flexible delivery involving online learning through the Learning Management System (LMS) and attendance at a 1-week compulsory residential school. | | | | | | | | | | | | |
| 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 border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <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>July</td> <td>12.50</td> </tr> </tbody> </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 | July | 12.50 |
| Subject | Study Period Commencement: | Credit Points: | | | | | | | | | | | |
| AGRI90031 Winegrowing | March | 12.50 | | | | | | | | | | | |
| AGRI90030 Concepts in Viticulture and Wine Science | February | 12.50 | | | | | | | | | | | |
| AGRI90032 Winegrowing Operations | July | 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/ | | | | | | | | | | | | |
| Coordinator: | Mr Peter Mcsweeney | | | | | | | | | | | | |
| Contact: | Melbourne School of Land & Environment Student Centre Ground Floor, Land & Food Resources (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 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. | | | | | | | | | | | | |
| Objectives: | 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 (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; One three-hour examination (40%) |
| Prescribed Texts: | Mullins, M.G., Bouquet, A. and Williams, L.E. (1992) <i>Biology of the grapevine</i> . Cambridge University Press, NY. Dry, P.R. and Coombe, B.G. (eds) (2004) <i>Viticulture. Volume 1: Resources</i> . (2nd Edn). Winetitles, Adelaide. Coombe, B.G. and Dry, P.R. (eds) (1992) <i>Viticulture. Volume 2: Practices</i> . Winetitles, Adelaide. Cole, M. (Ed) (2006) <i>AVI – Grapes</i> . CRCV Technologies, Adelaide. (CD ROM). Gladstones, J. (1992), <i>Viticulture and Environment</i> . Winetitles, Adelaide. Rankine, B. (2004), <i>Making Good Wine</i> . 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 |