

207-152 Ecology, Soil and Plants

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| Credit Points: | 12.500 |
| Level: | Undergraduate |
| Dates & Locations: | 2008, This subject commences in the following study period/s: Semester 2, - Taught on campus. |
| Time Commitment: | Contact Hours: Twenty-four hours lectures, 36 hours tutorials, laboratory work and/or field trips Total Time Commitment: Not available |
| Prerequisites: | None |
| Corequisites: | None |
| Recommended Background Knowledge: | None |
| Non Allowed Subjects: | None |
| Core Participation Requirements: | <p><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><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></p> </p> |
| Coordinator: | Dr Peter May |
| Subject Overview: | This subject will describe the relationship between plant growth and the environment in which plants grow. Particular attention will be given to the ecology of plants and to the effect of soil conditions on plant growth. Where appropriate, the consequences of these relationships for horticultural plant management will be described. Specific content will include: soil composition, soil texture and structure, soil water and aeration, behaviour and management of plant nutrients elements in soil, manipulation of nutrient levels, assessment of plant and soil nutrient status, definition of ecology, populations, communities, ecosystems, homeostasis, energy flow, trophic structures, Australian plant communities, environmental factors, fire and human impact on vegetation. |
| Assessment: | Two 90-minute written examinations (mid-semester and final) each 30% of final marks, assignments and practical reports equivalent to 2500 words and worth 40% of final marks. |
| Prescribed Texts: | None |
| Recommended Texts: | Information Not Available |
| 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: | Information Not Available |
| Related Course(s): | Associate Degree in Environmental Horticulture |