

HORT10008 Ecology, Soil and Plants

Credit Points:	12.50
Level:	1 (Undergraduate)
Dates & Locations:	2010, Burnley This subject commences in the following study period/s: Semester 2, Burnley - 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:	N/A
Corequisites:	N/A
Recommended Background Knowledge:	N/A
Non Allowed Subjects:	N/A
Core Participation Requirements:	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 Stuart Burns
Contact:	MSLE Student Centre Email: msle-ugrad@unimelb.edu.au (mailto:msle-ugrad@unimelb.edu.au) Phone: 8344 0276
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.
Objectives:	Information Not Available
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:	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