HORT20027 Greening Landscapes

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2011, Burnley This subject commences in the following study period/s: Semester 2, Burnley - Taught on campus. Lectures and Practicals at Burnley. Tutorials at Parkville.
Time Commitment:	Contact Hours: 57 hours Total Time Commitment: Estimated total time commitment (including non-contact time): 80 hours.
Prerequisites:	Nil
Corequisites:	Nil
Recommended Background Knowledge:	Nil
Non Allowed Subjects:	Nil
Core Participation Requirements:	Students undertaking this subject will be expected to regularly access an internet-enabled computer. 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:	Dr Denise Johnstone
Contact:	**Melbourne School of Land & Environment Student Centre** Ground Floor, Land & Food Resources (building 142) *Enquiries* Phone: 13 MELB (13 6352) Email: **13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)**
Subject Overview:	This subject will address critical stages in the successful establishment of vegetation, including seed quality (genetic variability, integrity and development) plant growth and propagation techniques (seed germination and vegetative), production requirements and strategies (media and materials, crop scheduling, plant quality, and commercial practice) and plant establishment issues and methods (site preparation, planting, natural regeneration and direct seeding) and urban tree management. The content will include tree anatomy and structure, tree growth and function, tree selection principles, tree root systems, methods of tree assessment and evaluation, tree protection strategies, planning and management issues.
Objectives:	On completion of this subject students should: # understand different methods associated with landscape plant production # be able to identify the biological and ecological issues associated with producing landscape vegetation # understand how to successfully establish landscape vegetation # in a limited way, successfully propagate plants for landscape use and # gain an appreciation of the complexities of tree management for urban sites.
Assessment:	1 x tutorial paper of no more than 1500 words due mid-semester (25%); 1 x practical report of no more than 1000 words due three quarters of the way through semester (25%) and an end-of-semester examination (50%).

Prescribed Texts:	Handreck, K. and Black, N. (2002) Growing media for ornamental plants and turf. 4th Edition. University of New South Wales Press, Sydney, Australia.
Recommended Texts:	Harris, R W., Clark, J.R., Matheny, N.P. (2004). ***Arboriculture: Integrated Management of Landscape Trees Shrubs and Vines*** Prentice-Hall, Saddle River, New Jersey, USA. Hartmann, H.T., Kester, D.E., Davies, F.T. and Geneve, R.L. (2002). *Hartmann and Kester's plant propagation; principles and practices. 7*th Edition. Prentice Hall, Upper Saddle River, New Jersey, USA.
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2011/B-ARTS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2011/B-MUS)** You should visit **learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html)** and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	On completion of this subject students will be able to: # source, interpret and apply information from written and electronic sources to better understand plant propagation and growing # use scientific and technical literature to answer specific questions and aid problem-solving in plant selection # investigate and analyse issues pertaining to plant growing # develop written and verbal communication skills # manage workloads and time efficiently.
Related Majors/Minors/ Specialisations:	Landscape Management Physical (Environmental Engineering) Systems
Related Breadth Track(s):	Greening Urban Landscapes Living with Plants