HORT10007 Plant Biology

Credit Points:	12.50
Level:	1 (Undergraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: Lectures: 24 hours, Practicals: 30 hours, Tutorials: 12 hours. Total Time Commitment: Not available
Prerequisites:	None
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 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/
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 Coordinator: **vgw@unimelb.edu.au (mailto:vgw@unimelb.edu.au)**
Subject Overview:	This subject considers the evolution of plants, their structure and function, how they reproduce, and their adaptations to particular environments.
Objectives:	Upon completion of this subject, students will have an understanding of: # cellular organisation and transport mechanisms in plants; # plant tissues; # photosynthesis and respiration; # typical plant growth patterns; # reproduction in the plant kingdom; and # plant adaptations to particular environments.
Assessment:	Attendance at practical classes and assessments of practical workbook (15% of final mark), one mid-semester 1 hour written theory examination (15%), one mid-semester practical test (15%), one final 2 hour written examination (40%) and one final 1 hour practical test (15%).
Prescribed Texts:	Evert, RF & Eichhorn, SE 2012, Biology of Plants, 8th edn, WH Freeman & Company, New York.
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:	# Exercise problem-solving skills (developed through practical exercises and lecture discussions); # Think critically and organise knowledge (from consideration of the lecture material);

	# Expand from theoretical principles to practical explanations (through practical work observations); # Plan effective work schedules (to meet deadlines for submission of assessable work); and # Develop skills of critical observation and analysis through practical exercises.
Related Course(s):	Associate Degree in Environmental Horticulture