NRMT10006 Plant Protection

Credit Points:	12.50
Level:	1 (Undergraduate)
Dates & Locations:	This subject is not offered in 2013.
Time Commitment:	Contact Hours: 24 hours lectures and 24 hours practical activities 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 Overview:	This subject explores: # the impact of stress on plants and invasion by pests and other parasitic organisms; # the classification and identification of common pest, disease and weed species; # integrated pest control concepts; # pest control measures; # fate of chemicals in the environment; and # legislation pertaining to pests, noxious weeds and environmental weeds.
Objectives:	The aims of this subject are for students to gain a strong understanding of: # the impact of stress on plants and invasion by pests and other parasitic organisms; # the classification of pests; # the identification of common pest, disease and weed species; # integrated pest control concepts; # pest control measures; # the fate of chemicals in the environment; and # legislation pertaining to pests, noxious weeds and environmental weeds.
Assessment:	Symptomatology and insect practical test (60 minute mid-semester exam) (15%) Weeds, fungi, bacteria, virus and chemical application practical test (60 minute end of semester exam) (15%)

	Mid semester theory exam (45 minutes) (15%) Practical book submission (20%) Final theory examination (45 minute end of semester exam) (15%) Participation in subject (10%)
Prescribed Texts:	Evert, RF and Eichhorn, SE 2012 Raven Biology of Plants, 8th edn, WH Freeman, New York.
Recommended Texts:	# **Entomology notes for higher education** (J S Brereton), Burnley Campus, The University of Melbourne # **Pests, diseases, disorders and beneficials in ornamentals: field identification guide** (Goodwin, ed.), NSW Agriculture, Gosford NSW, 2000
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/2013/B-ARTS)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2013/B-COM)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2013/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:	• 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 observing practical work); • Plan effective work schedules (to meet deadlines for submission of assessable work); and • Develop skills of critical observation and analysis developed through practical exercises.
Related Course(s):	Associate Degree in Environmental Horticulture