NRMT40003 Management of Plant and Animal Invasions

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Twenty-four hours of lectures, and 36 hours of tutorials and presentations Total Time Commitment: Not available
Prerequisites:	A basic ecology subject, such as 207-202 Australian Flora; or 207-211 Australian Fauna; or 208-203 Ecology and Management of Grazing Systems; or 207-275 Forest Ecology; or 654-204 Ecology: Individuals and Populations.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	207-501 - Management of Plant and Animal Invasions (postgraduate subject)
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 fo 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:	Prof Roger Cousens
Contact:	Email: rcousens@unimelb.edu.au
Subject Overview:	This subject will explore the ecology of invasions of exotic organisms, and the approaches that can be taken to manage them. It will be divided into three sections: # general principles - dispersal mechanisms, population dynamics, chemical control methods, biological control, policies and regulations; # case studies of plant invasions; and # case studies of animal invasions. On completion of the subject, students should be able to assess the potential of a species to invade; design a management strategy for an invading species; and be familiar with strategic and policy issues relating to plant and animal pests.
Objectives:	In this subject we will explore the underlying principles of biological invasions, analyse their impacts, discuss in detail the various control methods, consider their possible side effects and debate contentious isues such as pesticide residues, release of exotic predators and GMOs.
Assessment:	Examination of two hours duration (40%), one assignment of 4000 words (60%).
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):	Bachelor of Horticulture (Honours) Bachelor of Natural Resource Management with Honours