

121-306 Applied Ecology

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 1 hour of lectures per week, six 3-hour laboratories over the course of the semester and a 3.5 day field camp held during the semester. Total Time Commitment: Not available
Prerequisites:	At least one of 606-204 Ecology: communities and ecosystems, 654-204 Ecology: individuals and populations, 121-172 Global ecology and biodiversity, or permission of the subject co-ordinator.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Mr Marc Philip Bellette
Subject Overview:	This is a research-led subject that seeks to integrate a sound background in the application of ecological theory with its practical implementation to present-day management issues. It focuses on several key issues in the conservation and management of Australian ecosystems and plant species. In particular, it investigates the underpinning ecological knowledge and management practices associated with fire in southern Australian forests and shrublands, endangered species assessment and management, and an introduction to restoration ecology.
Assessment:	A 3000 word fieldwork project report (60%) and the equivalent of 1000 words of laboratory reports (40%).
Prescribed Texts:	Prescribed Texts:Reading materials will be provided on LMS.
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2009/F04) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05) <p>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.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	# be able to evaluate and synthesise the research and professional literature in applied ecology;

	<p># design, conduct and report on original research based on field and/or laboratory investigation;</p> <p># work effectively in projects which require team-work;</p> <p># use advanced numerical and computer techniques applicable to ecological analysis and interpretation.</p>
Notes:	<p>Students who have completed 121-030 Applied Ecology may not enrol in this subject. Credit cannot be obtained for both this subject and due to overlap of content.</p> <p>Students enrolled in the BSc (pre-2008 degree), BASc or a combined BSc course will receive science credit for the completion of this subject. BASc or BA/BSc students may receive credit for this subject towards either the science or arts component of their course. Students should advise the Faculty of Science Office if they would like the subject to count toward the science component of their course.</p>
Related Course(s):	Diploma in Arts (Environmental Studies)
Related Majors/Minors/Specialisations:	<p>Botany Ecology Environmental Science Environmental Studies Environmental Studies Environmental Studies Major Geography Geography Geography Geography Geography Major</p>