654-608 Conservation Biology

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 24 lectures (two a week) and 25 hours of tutorials/workshops (including excursions) Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.
Coordinator:	Dr Graeme Maxwell Coulson
Subject Overview:	This unit evaluates the theoretical principles and practical applications of conservation biology and the scientific study of biological diversity. In particular, it identifies the implications of global and local changes for ecological communities and habitats, especially within the Australian environment. It also examines the role of population genetics for the fitness and viability of natural and captive populations; the patterns and explanations of diversity and rarity; the effects of habitat fragmentation and the role of corridors as a management practice; the methods of rangeland and marine management; the control of introduced species; and the impact of genetic engineering.
Assessment:	Up to three written assignments totalling up to 8000 words due during the semester (90%); a 10-minute oral presentation at the end of semester (10%). Graduate students enrolled in this subject may share class time with undergraduate students enrolled in a subject of the same name. The graduate students will be expected to perform at a higher level, and will be allocated additional assessment tasks not exceeding 3,000 words of written work and must obtain a mark of at least 65% for assignments common to the undergraduate assessment.
Prescribed Texts:	None
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
Related Course(s):	Master of Forest Ecosystem Science
Related Majors/Minors/ Specialisations:	R05 PE Master of Science (Environmental Science)