

NRMT10007 Land Resources and Management

Credit Points:	12.50
Level:	1 (Undergraduate)
Dates & Locations:	This subject is not offered in 2014.
Time Commitment:	Contact Hours: 120 hours Total Time Commitment: 24 hours lectures 24 hours practicals
Prerequisites:	None
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>
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Subject Overview:	Students will develop an understanding of land resources and factors impacting on their management including principles of sustainable land use, the processes of land degradation (physical, chemical and biological) control of land degradation and practical development of land management plans. A feature of this course is the examination of environmental, economic and social consequences of the use of land for agriculture and other purposes.
Learning Outcomes:	Students will gain an ability to understand, assess and manage issues relating to: <ul style="list-style-type: none"> # Australian geology and soil types, and the impact of climate and weather # Systems approach to regional land management affecting soil and water # Use and conservation of natural resources # The application of science to evaluate and manage ecosystems # Implications for national and regional biodiversity # Management of conflicting values relation to natural resource production systems with catchment areas # Analysis of physical and socio-economic implications for catchment management # Maintaining and improving the productivity of land resource based industries
Assessment:	1500 word assignment 2000 word assignment Group task relating to field exercise (equivalent of up to 1000 words) 2 hour end of semester examination
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

Generic Skills:	<p>This subject encompasses particular generic skills so that on completion of the subject students should have developed skills relating to:</p> <ul style="list-style-type: none"># An ability to utilise a systems approach to analysing natural systems# The use of electronic forms of communication# The student's flexibility and level of transferable skills should be enhanced through improved time management# Working collaboratively with other students; and# Enhanced ability to communicate their ideas effectively in both written and verbal formats# Accessing information from the library via both electronic and traditional means;# Problem solving and critical thinking
Related Course(s):	Diploma in General Studies