

**Jordan University of Science and Technology**  
**Faculty of Agriculture**  
**Department of Natural Resources and Environment**  
**Semester 2006/2007**  
**Course Syllabus**

<b>Course Information</b>	
<b>Course Title</b>	Natural Resources and Man
<b>Course Code</b>	NR 200 (3 credit hours)
<b>Prerequisites</b>	
<b>Course Website</b>	
<b>Instructor</b>	Dr. Maher Tadros
<b>Office Location</b>	
<b>Office Phone #</b>	
<b>Office Hours</b>	10:00 – 12:00 SUN TUE.
<b>E-mail</b>	
<b>Teaching Assistant(s)</b>	
<b>Course Description</b>	

<b>Textbook</b>	
<b>Title</b>	Natural Resources: Ecology, Economics and Policy
<b>Author(s)</b>	Holechek J., Cole R., Fisher J., and Valdez R. Prentice Hall
<b>Publisher</b>	
<b>Year</b>	2003
<b>Edition</b>	2 <sup>nd</sup> edition
<b>Book Website</b>	
Other references	

<b>Assessment</b>		
<b>Assessment</b>	<b>Expected Due Date</b>	<b>Percentage</b>
<b>First Exam</b>		30%
<b>Second Exam</b>		30%
<b>Final Exam</b>		40%
<b>Assignments</b>		
<b>Participation</b>		
<b>Attendance</b>		

<b>Course Objectives</b>
<p>The main objective of this course is to familiarize the students with the natural resources types including atmospheric resources, water, minerals, soil, natural vegetation (rangelands and forests), and wildlife, in addition to their uses, importance, conservation, management, and future challenges associated with natural resources in the world and Jordan.</p>

<b>Teaching &amp; Learning Methods</b>

<b>Learning Outcomes:</b> Upon successful completion of this course, students will be able to		
<b>Related Objective(s)</b>		<b>Reference(s)</b>
<b>1</b>		<b>Chapter 2 and Handouts</b>
<b>1,2</b>		
<b>1-6</b>		
<b>3,4</b>		
<b>5,6</b>		
<b>6</b>		
<b>5</b>		

<b>Useful Resources</b>



Course Content		
Week	Topics	Chapter in Textbook (handouts)
1,2	Natural resources: An overview	1
3,4,5	Atmosphere as a natural resource: - Atmospheric gases - Wind and solar radiation as energy sources - Problems associated with the atmosphere	6,20
6,7,8	Water resources: - Water importance - Water forms and distribution - Water use - Water quality Water resources future challenges	7,20
9,10,11	Land Resources: - Importance and uses of soil - Soil conservation and management - Important minerals and uses - Mining and mineral extraction - Environmental concerns with mining - Non-renewable natural energy resources (fossil fuels)	8,18,20
12,13,14	Natural Vegetation: - Forest and forestry	10,11

	- Rangelands	
15	Wildlife: - Values and importance of wildlife - Wildlife conservation and management	15,16
16	Natural resources management	21,23

<b>Additional Notes</b>	