

## Course Description Form of Natural Resource Economics

<b>1. Course Name:</b>	
<b>Natural Resource Economics</b>	
<b>2. Course Code:</b>	
<b>ECNS303</b>	
<b>3. Semester / Year:</b>	
<b>Second semester/ 2024-2025</b>	
<b>4. Description Preparation Date:</b>	
<b>15/1/2025</b>	
<b>5. Available Attendance Forms:</b>	
<b>Full time (theoretical lecture) weekly</b>	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
<b>(2 theoretical hours per week) for 14 weeks, number of units: 3 units</b>	
<b>7. Course Administrator's Name (Mention All, If More Than One Name)</b>	
<b>Name: Dr. Abbas Abd Ahmed</b> Email : <a href="mailto:abbasahmed@uodiyala.edu.iq">abbasahmed@uodiyala.edu.iq</a>	
<b>8. Course Objectives</b>	
Course Objectives: Graduating students who are able to:	<ul style="list-style-type: none"><li>• Teaching students the most important foundations of exploiting natural resources and sustaining their use.</li><li>• Students' ability to analyze natural resources and determine their available uses and how to manage them.</li><li>• The student learns how to employ natural resources and exploit them in the best way that achieves benefit from them.</li><li>• Identifying the problems facing agricultural and non-agricultural land resources and how to address them.</li><li>• Students learn how to manage water resources and their sources and benefit from them in the best way.</li></ul>
<b>9. Teaching and Learning Strategies</b>	

Strategy	14 weeks of face-to-face lectures, including monthly exams, daily exams and scientific reports.
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**10. Course Structure**

**Theoretical part**

Week	Hours	Required learning outcomes	Unit or Subject	Learning Method	Evaluation Method
1	2	Introduction: The importance of natural resources and their definition	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
2	2	Separation of economic and non-economic natural resources	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
3	2	Land resources concepts	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
4	2	Basic problems in land resource economics	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
5	2	Demand for and uses of land resources	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
6	2	First month exam			
7	2	Land resource intensity	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
8	2	Show land resources and how to increase them	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
9	2	Land resource rent	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
10	2	Agricultural land rental	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
11	2	Land resources in Iraq	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
12	2	Second month exam			
13	2	Water Resources	Natural Resource Economics	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports

14	2	Agricultural land calendar	<b>Natural Resource Economics</b>	<b>Lecture Dialogue &amp; discussion Brainstorming</b>	Daily, monthly and final exams and daily reports
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### 10. Course Evaluation

Daily and monthly exams, reports and student effectiveness during the lecture.

### 11. Learning and Teaching Sources

Required Textbooks (Curricular Books, If Any)	1- Dr. Hassoun Mohammed Ali Al-Haddad, Natural Resources Economics, University of Basra, 1990. 2- Dr. Hashim Alwan Hussein Al-Samarrai, Abdullah Mohammed Jassim Al-Mashhadani, Natural Resources Economics, University of Baghdad, 1992.
Main References (Sources)	1- Mustafa, Mohamed Madhat. (2001). Water Resources Economics. 1st ed., Faculty of Agriculture - Menoufia University - Egypt.
Recommended Books and References (Scientific Journals, Reports...)	Iraqi academic journal
Electronic References, Websites	