

Course Description Form

1. Course Name:					
Natural pasture					
2. Course Code:					
NAPA257					
3. Semester / Year:					
Second Semester / 2024-2025					
4. Description Preparation Date:					
1 / 2 / 2025					
5. Available Attendance Forms:					
Built-in					
6. Number of Credit Hours (Total) / Number of Units (Total)					
2 Theory + 3 practical / 3.5 units					
7. Course administrator's name (mention all, if more than one name)					
Name: Dr. Karam Ali Younis Email: karamy_youns@uomosul.edu.iq Name: Hameed Mohammad Ibrahim					
8. Course Objectives					
<p>Theory :</p> <ul style="list-style-type: none"> - Developing the student's ability to deal with scientific and technical means - Developing the student's ability to deal with the Internet - Developing the student's ability to deal with multiple media. - Developing the student's ability to dialogue and discuss - Developing the student's ability to deal economically in the field the job. 			<p>Practical :</p> <ul style="list-style-type: none"> -Developing the student's ability to deal with multiple media. - Developing the student's ability to dialogue and discuss 		
9. Teaching and Learning Strategies					
Strategy		<ul style="list-style-type: none"> -Interactive lecture, Brainstorming, - Dialogue and discussion, - Assigning tasks and reporting - Assigning group work to reveal leadership skills 			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2Theory 3 Pract.	Theory: al: Learn about nat pastures and some terminolo Its scientific	Theory: Some scientific terms in the field of natural pastures	Theory : -Auditory methods -Style of writing on	Exams, Homework, Reports

		practical : a10: Learn about natural pastures and their importance	practical : Definition of natural artificial grasslands	The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	
2	2Theory 3 Pract	Theory: a2: He is aware of the importance of distributing natural pastures in the world and the Arab world practical : a11: Familiarity with the pastoral ecosystem	Theory: The importance of natural pastures practical : Pastoral ecosystem	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
3	2Theory 3 Pract	Theory: a3: Understands the causes of the deterioration of natural pastures and ways to address them practical a12: Identify the types of plant covers in natural pastures	Theory: Degradation of natural pastures practical: Vegetation cover in natural pastures	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
4	2Theory 3 Pract	Theory: a4: Discusses the manifestations of deterioration Natural pastures practical : a13: Describes the most important trees Forage and scientific names	Theory: Degradation of natural pastures practical : Pasture plants	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
5	2Theory 3 Pract	Theory: a5: Writes a report on the geographical botanical regions in the Arab world and their importance practical : a14: Explains fodder trees	Theory: Botanical regions practical : Pasture plants	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
6	2Theory 3 Pract	Theory: a6: Explains fodder and its importance practical : a15: Explains the main forest-pasture units in the Arab world and the integration between them	Theory: Feed practical : Pasture plants	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports

				Assigning tasks and reports	
7	2Theory 3 Pract	Theory: a7: Displays fodder production from natural pastures in the Arab world practical : b2: Write a report on the criteria for evaluating the ma pasture units	Theory: Feed production practical : Pasture plants	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
8	2Theory 3 Pract	Theory: d1: Shows additional feed sources practical : a16: Describes plants of the Poaceae family	Theory: Fodder sources practical : The Poaceae family	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
9	2Theory 3 Pract	Theory: b2: b1: Write a report on the types of pastures practical : A16: Explains some plants of the Poaceae family	Theory: Types of pastures practical : The Poaceae family	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
10	2Theory 3 Pract	Theory: C3: C1: Explains the characteristics of good pasture practical : a18: Describes the leguminous family	Theory: Characteristics of good pasture practical : The legume family	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
11	2Theory 3 Pract	Theory: a8: Explains the environmental factors affecting natural pastures practical : a19: Reviews some plants of the leguminous family image	Theory: Environmental factors practical : The legume family	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
12	2Theory	Theory:	Theory:	Theory :	Exams,

	3 Pract	c2: Shows the vegetation areas of spread of pastures in Iraq practical: b3: Applies the sampling method	Plants and grazing areas in Iraq practical : Plant sampling methods	-Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Homework, Reports
13	2Theory 3 Pract	Theory: c3: Explains how to exploit pastures practical : a20: Explains methods for studying natural vegetation	Theory: Exploitation of pastures practical : Natural vegetation	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
14	2Theory 3 Pract	Theory: a9: Defines the animal load practical : a21: Learn about quantitative and qualitative characteristics to study plant coverage	Theory: Animal load practical : Quantitative and qualitative characteristics	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports
15	2Theory 3 Pract	Theory: c4: Explains the condition of the pasture and the principles of livestock management in natural pasture conditions practical : c5: Calculates the pastoral load	Theory: The condition of the pasture practical : Pastoral load	Theory : -Auditory methods -Style of writing on The blackboard. -Direct dialogue style Practical : Assigning tasks and reports	Exams, Homework, Reports

11. Course Evaluation

Evaluation Methods	Evaluation Date	Degree	Relative weight %
Final report theory + pract. Report	Theory 15 weeks Pract. 1-15 week	7 Theory + 6 pract.	% 13
Short exam (1)	Week (3)	4 Theory + 2 pract.	% 6
Half exam (theory + pract.)	Week (9)	10 Theory + 5 pract.	% 15
Short exam (2)	Week (12)	4 Theory + 2 pract.	% 6
Final exam (practical)	Exam pract.	20	% 20
Final exam (theory)	Exam theory	40	% 40
		100	% 100

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Natural rangeland management book
Main references (sources)	Natural pasture management
Recommended books and references (scientific journals, reports...)	Fundamentals and biology of natural pasture management https://ar.wikipedia.org/ .

Theoretical subject teacher: Dr. Karam Ali Younus ALtaee

Practical subject teacher: M.M. : Hameed Mohammad Ibrahim

Chairman of the Scientific Committee: Prof. Dr. Samoud Hussein Ali

Head of the Department of Forestry Sciences: Prof. Dr. Samoud Hussein Ali

