

Course Description Form

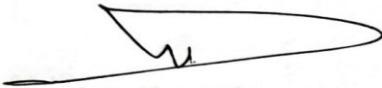
1.	2. Course Name:					
	Pasture management					
3.	4. Course Code:					
	PAMA432					
5.	6. Semester / Year:					
	The first course 2023-2024					
7.	8. Description Preparation Date:					
	2024 9-1					
9.	10. Available Attendance Forms:					
	My presence					
11.	12. Number of Credit Hours (Total) / Number of Units (Total)					
	Two hours my theory , Two hours of work					
13.	14. Course administrator's name (mention all, if more than one name)					
	Name: salim abdulla Younis		Email: salimalghazal@uomosul.edu.iq			
	Name: Khaleel Ibrahim Khaleel		Email: khaleelibk@uomosul.edu.iq			
15.	16. Course Objectives					
	Practical: Enabling the student to identify the most important pastoral plants The types of natural pastures and methods of protecting and appreciating them Its payload and exploitation			Heoretical Enable understanding and assimilation of pasture management material Enabling the student to know the most important ways to protect natural pastures Enabling the student to become familiar with the most important types of natural pastures Enabling the student to detect and know the palatability of pasture plants The student can judge the quality of pasture plants		
17	18. Teaching and Learning Strategies					
	Practical: Assigning group work to reveal leadership skills Assigning tasks and a report for each field visit			theoretical Interactive lecture Brainstorming Dialogue and discussion Assigning tasks and reporting View examples of forage crop plants		
19.	20. Course Structure					
We ek	Hours		Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 heoretical 3 ractical	a1 a6	It adopts special ideas in the management of natural pasture and its relationship with other sciences . Compares different samples of pasture plants	Theoretical: The importance of pastures Practical botanical description For plants of the Poaceae family	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
2	2 heoretical 3 practical	a2 a7	Identify the most important causes of pasture degradation Determine which plants are more toxic	Theoretical: Types of pasture Practical: botanical description For the leguminous fam	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning t And report	Short exams, assignments, discussions
3	2 heoretical	a3	He compares the factors affecting the growth of pastures and compares these factors and their effect on plants.	Theoretical: Factors affecting NPT Pastures . Practical: technical methods of	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning	Short exams, assignments, discussions

	3 practical	a8	Differentiates between poisonous plants and others .	measurement Pastures grew .	tasksAnd report	
4	2 heoretical 3 practical	a4 a9	It gives examples of the extent which pastures are vulnerable to degradation . Classifies which types of plants are most suitable for growing pastures	Theoretical: Grazing areas in Iraq . Practical: measuring quantitative traits .	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions
5	2 heoretical 3 practical	a5 a10	Finds ways to protect natural pastures and can be applied to the pastures of Nineveh Governorate . Distinguish between toxic and non-toxic plants	Theoretical: Physiology of fodder plants part One . Practical: measuring qualitative characteristics .	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions
6	2 heoretical 3 practical	b1 b3	It carries out the most important steps to identify the most important leguminous plants common in natural pastures . Gives examples of plants and which plants are most exposed to grazing .	Theoretical : physiology of pasture plants These . Practical: grazing systems and conditions	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions
7	2 heoretical 3 practical	b2 b4	It implements the most important special recommendations in cultivating the most important common grass plants in natural pastures . Determines the types and quantities of toxins found in pasture plants	Theoretical: Animal management in pastures Practical: salting	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions
8	2 heoretical 3 practical	c1 b5	Distinguish between the most important factors through which pasture germination can be improved Distinguish types of animals	Exploiting pasture Practical: Animal behavior, part one	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions
9	2 heoretical 3 practical	c2 b6	Selects the most important poisonous grazing plants found in natural pastures describes different types of plants to grow in pastures	Theoretical: pasture exploitation, part two Practical: methods for measuring exploitation Pasture	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions
10	2 heoretical 3 practical	d1 b7	Identifies the most important harmful plants in natural pastures . He carries out various samples of pasture plants to determine their suitability for animal feed .	Theoretical trend of pasture condition Practical: methods of measuring condition Pasture	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions
11	2 heoretical 3 practical	d2 c3	Explains some of the benefits of natural pastures Carrying out samples of pasture plants	Theoretical: animal load Practical: Methods of measuring animal load	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasksAnd report	Short exams, assignments, discussions

12	2 theoretical 3 practical	d3 c4	It explains the extent to which humans benefit from pastures and the ways to benefit from them. Write a report on toxic and non-toxic plants	Theoretical: cladding Practical: cladding methods	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
13	2 theoretical 3 practical	d4 c5	Supports the protection and revitalization of pastures and methods for measuring their growth Distinguish between harmful and harmless plan	Theory: harmful plants Practical: getting to know each other Harmful plants in pastures	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
14	2 theoretical 3 practical	e1 d5	Recognizes the environmental and biological risks that affect pasture safety Explain why some plants are declining pasture	A field visit to one of the pastures Natural Practical: identifying plants For natural pastures	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
15	2 theoretical 3 practical		He decides to use one of the methods to protect pastures Trying out some growing plan	Theoretical: A field visit to artificial pastures Practical: Solve a problem	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions

16	Course Evaluation				
Relative weight	Degree	Calendar appointment is one week	Calendar methods	Sequence	
13 %	7 Theoretical 6 practical	My theory is week 15	A theoretical final report Practical experience reports	1	
6 %	7 Theoretical 6 practical	Practical 1-15	Short test 1 Quiz	2	
15 %	4 Theoretical 2 practical	Week 3	Midterm Exam	3	
6 %	10 Theoretical 5 practical	Week 4	Short test 1 Quiz	4	
20 %	20	Week 9	Final practical test	5	
40 %	40	Practical exams week	Final theoretical test	6	
100 %	100	The week of theoretical exams			

17	Learning and Teaching Resources				
	Required textbooks (curricular books, if any)	Fodder crops and pastures, Muhammad Sayed Radwan Abdullah Qasim Al-Fakhri			
	Main references (sources)				
	Recommended books and references (scientific journals, reports...)	Cops and Forage Archives			
	Electronic References, Websites	ICARDA, Arab Organization for Agricultural Development			



Theoretical subject teacher



Practical subjet



Head Of Department



Chairperson of the Scientific
Committee