

Course Description Form

1.	2. Course Name:				
	Forage Crops				
3.	Course Code:				
	FOCP225				
5.	Semester / Year:				
	The second course 2023-2024				
7.	Description Preparation Date:				
	2024 1-2				
9.	Available Attendance Forms:				
	My presence				
11.	Number of Credit Hours (Total) / Number of Units (Total)				
	Two hours my theory , Two hours of work				
13.	Course administrator's name (mention all, if more than one name)				
	Name: salim abdulla Saddam Ibrahim alobaidi salimalghazal@uomosul.edu.iq		Email: saddam.alobaidi@uomosul.edu.iq		
15.	16. Course Objectives				
	<p>practical: Enabling the student to identify the most important pastoral plants The types of natural pastures and methods protecting and appreciating them its payload and exploitation</p>	<p>Theoretical 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</p>			
17.	18. Teaching and Learning Strategies				
	<p>Practical: Assigning group work to reveal leadership skills Assigning tasks and a report for each field visit</p>	<p>-Theoretical 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</p>			
19.	20. Course Structure				
W	Hours	Required Learning	Unit or subject	Learning	Evaluation

ee k		Outcomes	name	method	method	
1	2 heoretical 3 ractical	a1 a6	Determines the positive and negative relationship of leguminous fodder crops and soils Compares samples of feed	Theoretical: The importance of fodder crops And its importance Practical: dividing fodder crops/Naceae 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		theoretical: Alfalfa crop Practical botanical description For the Alfalfa crop	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
3	2 heoretical 3 practical	a3 a8	they remember their feed sources checks the types of toxins and their quantities in the feed	theoretical: The yield of ics (Bur clover is about practical: ics (Bur clover Botanical description of a crop around	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
4	2 heoretical 3 practical	a4 a9	it explains the most important factors affecting the production of fodder crops and compares different types of	theoreti : Egyptia clover crop	Auditory methods Writing style On the board Dialogue style	Short exams, assignments, discussions

			fodder crops compares samples feed contaminated with toxins	Practical: botanical description For the Egyptian clover crop	Direct practical: Assigning tasks And report	
5	2 theoretical 3 practical	a5	theoretical vetch crop practical: botanical description of the vetch crop	theoretical vetch crop practical: botanical description of the vetch crop	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
6	2 theoretical 3 practical	b1 b6	applies the ideas for cultivating traditional fodder crops, whether leguminous or non-leguminous finds which feed samples are the most poisonous	theoretical clover crop sweet Practical: botanical description of sweet clover crop	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
7	2 theoretical 3 practical	C1 B6	It encourages the cultivation of the most important fodder crops from other families distinguishes between types of toxins and their quantities found in feed	Theoretical: corn Practical: botanical description For corn	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
8	2 theoretical 3 practical	D2 B8	determines the most important streptococcal bacteria and their relationship to fodder crops and soil it carries out	Theoretical : sorghum practical: botanical description	Auditory methods Writing style On the board Dialogue style Direct	Short exams, assignments, discussions

			the cultivation of fodder crops		practical: Assigning tasks And report	
9	2 theoretical 3 practical	c2 b9	it distinguishes between the most important fodder crops that increase soil fertility applies different types of fertilizers	theoretical: sudanese grass practical: botanical description for sudanese grass	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
10	2 theoretical 3 practical	D2 B10	identifies the most important fodder crops that maintain soil maintenance he examines various samples of feed to determine their suitability for feeding the animal	Theoretical: fodder crops Winter Poaceae Practical: botanical description For winter fodder crops	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
11	2 theoretical 3 practical	D3 c3	explains the most important pros and cons of fodder crops distinguish between different types of toxic substances in feed	theoretical: forage mixtures practical: methods of growing forage mixtures	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
12	2 theoretical 3 practical	D4 C4	shows the extent of response to saline soils evaluates which samples are the most poisonous	Theoretical: HAY Practical: a way of working HAY	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks	Short exams, assignments, discussions


					And report	
13	2 theoretical 3 practical	D5 C5	it shows the importance of fodder crops and their relationship to soil fertility suggests other methods for examining feed	Theoretical: silage Practical: How to make silage	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 E3	it analyzes the toxins found in some fodder crops and their impact on animal health selects the best fodder crops for cultivation	Theoretical: field visit For fodder crop fields My job: getting to know each other Fodder crops	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions
15	2 theoretical 3 practical	E2 E4	identify a suitable method of how fodder crops resist drought and can be applied in farmers' fields experimentally with different types of stress tolerant crops	Theoretical field visit For one of the feed factories And report on the quality Feed practical: Solve the problem	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report	Short exams, assignments, discussions


21.	22. Course Evaluation				
Relative weight	degree	Calendar appointment one week	is	Calendar methods	Sequence
%13	7 Theoretical 6 practical	My theory week 15	is	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			

23. 24. Learning and Teaching Resources

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


Theoretical subject teacher
Dr. Salem Abdullah Younis


Practical subject:
Khaleel Ibrahim Khaleel


Head Of Department




Chairperson of the Scientific
Committee