


# Course Description Form

1.	2. Course Name:		
	Forage Crops		
3.	Course Code:		
	FOCR359		
5.	Semester / Year:		
	The first course 2025-2024		
7.	Description Preparation Date:		
	2024/9/1 2 first semester (Autumn)		
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: DR .Salim abdulla	salimalghazal@uomosul.edu.iq	
	Name: Saddam Ibrahim alobaidi	saddam.alobaidi@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 appreciat them Its payload and exploitation	Theoretical Enable understanding and a management material Enabling the student to know ways to protect natural pas Enabling the student to beco most important types of nat Enabling the student to dete palatability of pasture plan The student can judge the c plants	
17.	18. Teaching and Learning Strategies		
	Practical: Assigning group work to reveal leadership skills Assigning tasks and a report for each field visi	-Theoretical Enable understanding and a management material Enabling the student to know ways to protect natural pastu Enabling the student to beco most important types of natu Enabling the student to detec palatability of pasture plants The student can judge the qu	
19.	20. Course Structure		

W ee	Hours	Required Learning	Unit or subject name	Learning method
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k			Outcomes		
1	2 heoretical	a1	Determines the positive and negative relationship of leguminous fodder crops and soils	Theoretical: The importance of fodder crops	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report
		a6	Compares samples of feed	And its importance Practical: dividing fodder crops/Naceae family	
2	2 heoretical	a2		theoretical: Alfalfa crop Practical botanical description	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report
	3 practical	a7		For the Alfalfa crop	
3	2 heoretical	a3	they remember their feed sources	theoretical: The yield of ics (Bur clover is about	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report
	3 practical	a8	checks the types of toxins and their quantities in the feed	practical: ics (Bur clover Botanical description of a crop around	
4	2 heoretical	a4	it explains the most important factors affecting the production of fodder crops and compares different types of fodder crops	theoretical: Egyptian clover crop	Auditory methods Writing style On the board Dialogue style Direct
	3 practical	a9	compares samples of feed contaminated with toxins		



				Practical: botanical description For the Egyptian clove crop	practical: Assigning tasks And report
5	2 heoretical	a5	theoretical vetch crop	theoretical vetch crop	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report
	3 practical	a10	practical: Identifies types of mold in feed	practical:  botanical description of the vetch crop	
6	2 heoretical	b1	applies the ideas for cultivating traditional fodder crops, whether leguminous or leguminous	theoretical clover crop sweet	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report
	3 practical	b2	Determine which feed samples are the most poisonous	Practical: botanical description of sweet clover crop	
7	2 heoretical	c1	t encourages the cultivation of most important fodder crops from other families	Theore tical:	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report
	3 practical	b3	distinguishes between types of toxins and their quantities found in feed	corn Practical: botanical description For corn	
8	2 heoretical	d1	determines the most important streptococcal bacteria and their relationship to fodder crops and soil it carries out the cultivation of fodder crops	Heoretical : sorghum	Auditory methods Writing style On the board Dialogue style Direct practical:
				practical: botanical	

		b4		description	Assigning tasks And report
9	3 practical 2 heoretical	c2	it distinguishes between the mo	theoretical: sudanese grass	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report
	3 practical	b5	important fodder crops that increase soil fertility applies different types of fertilizers	practical: botanical description for sudanese grass	Assigning tasks And report
10	2 heoretical 3 practical	d2 b6	identifies the most important fodder crops that maintain soil maintenance he  examines various samples of fe 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
11	2 heoretical 3 practical	d3 c3	explains the most important pr and cons of fodder crops  distinguish between different types of toxic substances in fee	theoretical: forage mixtures  practical: methods of growing foerage mixtures	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report

12	2 heoretical  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 And report
13	2 heoretical  3 practical	d5  c5	it shows the importance of fod 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
14	2 heoretical  3 practical	e1  e3	Aware of the toxins found in some fodder crops and their impact on animal health  Decides the best fodder crops grow	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
15	2 heoretical  3 practical	e2  e4	It emphasizes a suitable method of how fodder crops resist drought and can be applied in farmers' fields  It expresses the presence of different types of salt-tolerant crops	Theoretical field visit For one of the feed factories And report on the uality  Feed practical: Solve the problem	Auditory methods Writing style On the board Dialogue style Direct practical: Assigning tasks And report



21.	22. Course Evaluation		
Sequence	Calendar methods	Calendar date (week)	Class
1	Report 1	fourth week	2.5
2	Report 2	fifth week	2.5
3	Short test (1) Quiz	sixth week	2
4	Short test (2) Quiz	fourteenth week	2
5	Short test (3) Quiz	fifteenth week	1
6	Semester test (1)	sixth week	7.5
7	Semester test (2)	eleventh week	7.5
8	Final theoretical test	Final semester exams	40
9	Practical field project	fifteenth week	5
10	Field evaluation	third and fifth week	2
11	Practical short test (1) Quiz	first week	1
12	Short practical test (2) Quiz	fourth week	0.5
13	Short practical test (3) Quiz	fourteenth week	1
14	Live drawings and homework	Weeks 6, 8, 9, 10, 11, 12 and 13	5.5
15	Final practical test	Final semester exams	20
	The total	100	100%
23.	24. Learning and Teaching Resources		
	Required textbooks (curricular books, if any)	Fodder crops and pasture Radwan and Abdullah Qasbi	
	Main references (sources)		
	Recommended books and references (scientific journals, reports...)	Cops and Forage Arc	
	Electronic References, Websites	ICARDA, Arab Agricultural Develop	

Theoretical subject teacher

Dr. Salem Abdullah Younis

Practical subject

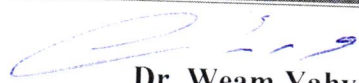
Saddam Ibrahim alobaidi

Head of the forage crop

أ.م.د.  
ميسر محمد عزيز الدليمي  
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Chairman of the Scientific Committee:

**Dr. Maysar Muhammad**

  
**Dr. Weam Yahya Rasheed**