Course Description Form

1. Course Name:

Forage and pasture crops

2. Course Code:

FOCR213

3. Semester / Year:

spring semester/ 2024-2025

4. Description Preparation Date:

15/1/2025

5. Available Attendance Forms:

Attending

6. Number of Credit Hours (Total) / Number of Units (Total)

2 hours of theory and 3 hours of practical work per week for 14 weeks, number of units: 3.5 units.

7. Course Administrator's Name (Mention All, If More Than One Name)

Name : Hassan Ali Majeed Osman Naseef Jassim

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8. Course Objectives

Course Objectives: Graduating students who are able to:	It aims to identify the most important fodder crops grown globally, whether seed or vegetable, natural or cultivated pastures, by studying their economic importance, their original habitat, their production area, their environmental and agricultural
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9. Teaching and Learning Strategies

Strategy 14 weeks of face-to-face lectures, including two monthly exams, daily exams and scientific reports.

10. Course Structure

	Theoretical part						
Week	Hours	Required learning outcomes	Unit or Subject	Learning Method	nod Evaluation Method		
1	2	Historical overview of forage crops	Forage and pasture crops	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports		
2	2	Economic importance of forage crops	Forage and pasture crops	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports		
3	2	Legumic forage crops	Forage and pasture crops	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily		
4	2	Annual clover	Forage and pasture crops	Lecture Dialogue & discussion	Daily, monthly and final exams and daily		
5	2	Egyptian clover	Forage and pasture crops	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily		
6	2	Exam 1	Forage and pasture crops	Lecture Dialogue & discussion	Daily, monthly and final exams and daily		
7	2	Forage beans	Forage and pasture crops	Lecture Dialogue &	Daily, monthly and final exams		
8	2	Forage hartaman	Forage and pasture crops	Lecture Dialogue & discussion	Daily, monthly and final exams		
9	2	White corn	Forage and pasture crops	Lecture Dialogue &	Daily, monthly and final exams		
10	2	Forage mixtures	Forage and pasture crops	Lecture Dialogue & discussion	Daily, monthly and final exams		
11	2	Forage crop breeding	Forage and pasture crops	Lecture Dialogue & discussion	Daily, monthly and final exams		
12	2	Exam 2	Forage and pasture crops	Lecture Dialogue &	Daily, monthly and final exams		
13	2	Forage crop mechanization	Forage and pasture crops	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports		

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				Lecture	Daily, monthly		
14	2	Forage manufacturing	Forage and	Dialogue &	and final exams		
	4	rorage manufacturing	pasture crops	discussion	and daily		
				Brainstorming	reports		
				Lecture	Daily, monthly		
	•		Forage and	Dialogue &	and final exams		
15	2	Seed production	pasture crops	discussion	and daily		
			Passas corps	Brainstorming	reports		
		p	ractical part	8	reports		
Unit or							
Week Hours		Required learning outcomes	Subject Name	Learning Method	Evaluation Method		
		Field visit to identify forage crops	Forage and pasture crops	Observation	Daily, monthly		
	~			Dialogue &	and final exams		
1	3			discussion	and daily		
		0, ••••P	r		reports		
				Observation	Daily, monthly		
		Identification of forage	Forage and	Dialogue &	and final exams		
2	3	crop seeds	pasture crops	discussion	and daily		
		crop seeds	pasture crops	uiscussion	5		
				Observation	reports		
		Botanical description of geranium	Forage and pasture crops		Daily, monthly		
3	3			Dialogue &	and final exams		
	U U			discussion	and daily		
					reports		
	3	Botanical description of clover	Forage and pasture crops	Observation	Daily, monthly		
4				Dialogue &	and final exams		
•				discussion	and daily		
					reports		
	3	Botanical description of karat	Forage and pasture crops	Observation	Daily, monthly		
5				Dialogue &	and final exams		
3				discussion	and daily		
					reports		
	3	Exam 1	Forage and	Observation	Daily, monthly		
6				Dialogue &	and final exams		
6			pasture crops	discussion	and daily		
			. · · · ·		reports		
	3	Botanical description of white corn		Observation	Daily, monthly		
_			Forage and	Dialogue &	and final exams		
7			pasture crops	discussion	and daily		
			pusture crops	41504551011	reports		
	3	Botanical description of yellow corn		Observation	Daily, monthly		
			Forage and pasture crops	Dialogue &	and final exams		
8				discussion			
				uiscussion	and daily		
	3	Botanical description of barley	Forage and pasture crops	01	reports		
				Observation	Daily, monthly		
9				Dialogue &	and final exams		
				discussion	and daily		
					reports		

					Observation	Daily, monthly	
10 3	3	Qualitative evaluation	Forage		Dialogue &	and final exams	
		of forage crops	pasture	crops	discussion	and daily	
						reports	
			F	1	Observation	Daily, monthly	
11	3	Haymaking	Forage		Dialogue &	and final exams	
			pasture crops		discussion	and daily	
					Observation	reports	
		Exam 2	Forage	and	Dialogue &	Daily, monthly and final exams	
12	3		Forage and pasture crops		discussion	and daily	
			pasture	crops	uiscussion	reports	
					Observation	Daily, monthly	
		Observation of forage	Forage	and	Dialogue &	and final exams	
13	3	crop plants	pasture		discussion	and daily	
			pusture	crops	alseassion	reports	
					Observation	Daily, monthly	
14		Botanical description of oats	Forage	and	Dialogue &	and final exams	
	3		pasture		discussion	and daily	
			pusture erops			reports	
					Observation	Daily, monthly	
15	2	Sile a malvin a	Forage	and	Dialogue &	and final exams	
15	3	Silag making	pasture crops		discussion	and daily	
						reports	
11. Course Evaluation							
Daily, r	nonthly an	d final exams and daily rep	ports				
12. Lea	arning and	l Teaching Sources					
				B	ook of Forage Crops	s and Pastures	
Required Textbooks (Curricular Books, If Any)				Muhammad Sayed Ramadan			
			ny)	Book of Forage Crops Ramadan Ahmed Al-			
				Takriti			
Main References (Sources)			Recent articles from the Internet, specialized				
				scientific journals, the Iraqi Journal of			
Wall References (Sources)		Agricultural Sciences, and the virtual library.					
				8.104			
Recom	mended Bo	ooks and References (Scier	ntific				
Journals, Reports)			Iraq1 ac	ademic journal			
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Electro	Electronic References, Websites			Forage Crops Ali Al-Dajwi, Forage and Fiber			
			C	crops in America Th	omas Forsyth Hunt		