

Course Description Form Pasture Management

Course Name	
Pasture Management	
Course Code	
PASM402	
Semester/ Year	
Second /2025	
Date of preparation of this description	
15 January 2025	
Available attendance forms :	
Full-time (theoretical lecture and practical lecture) weekly	
Number of credit hours (total)/ Number of units (total)	
2 theoretical hours and 3 working hours per week for 14 weeks, the number of units is 3.5 units	
Name of the course administrator (if more than one name is mentioned)	
Dr. Marwan Sami Saeed Email: marwansami@uodiyala.edu.iq	
Inas Abdul Rahim Khalaf	
Course Objectives	
Objectives of the course :	<ol style="list-style-type: none">1- The student should learn about the importance of natural pastures.2- The student should classify the growing plants in the pasture according to their Biology cycle or the nature of their reproduction and places of growth.3- The student should separate between the types of plants suitable for animal consumption and between toxic and harmful plants.4- To know the scientific means used to reduce the harm of toxic plants growing in the pasture.

Teaching and Learning Strategies

Strategy	<ul style="list-style-type: none"> • In-person lectures for 14 weeks, interspersed with two monthly exams, daily exams and scientific reports
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Theoretical

Course Structure

Week	Credits	Intended Learning Outcomes	Module / Course Name or	Teaching*method	Evaluation Method
1	2	The importance of natural rangelands and their spread and their relationship with other sciences	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
2	2	Types of Rangelands and Good Rangelands Recipes	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
3	2	Natural Factors Affecting Rangelands – Environmental Factors Continued Soil	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
4	2	Biology factors, pyrotechnic factors and locational factors	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day

5	2	Organization of grazing work	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
6	2	Ingredients for vegetation on rangelands	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
First Quarter Examination					
7	2	The impact of grazing on the productivity of the grazing plant – the impact of grazing on the soil	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
8	2	Grazing intensity – the effect of grazing on the reproduction of grazing plants	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
9	2	The Effect of Grazing on the Vegetation of Cladding	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
10	2	Relationship of rangeland plants to soil and water conservation	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
11	2	Grazing Systems –	Pasture Management	Explanation and model presentation	Examinations

		Continuous Grazing Protection		and lecture Brainstorming Debating and discussing Brainstorming	Daily and Monthly Final and Reports day
12	2	Natural Rangeland Condition – Rangeland Condition Judgment	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
13	2	Classification of the conditions of my pastures – the course of the situation	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
			Second Quarter Examination		
14	2	Harmful and toxic plants in the pasture land	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day
15	2	Nature Reserves	Pasture Management	Explanation and model presentation and lecture Brainstorming Debating and discussing Brainstorming	Examinations Daily and Monthly Final and Reports day

Practical Part					
Week	Credits	Intended Learning Outcomes	Unit or Topic Name	Learning Method	Evaluation Method

1	3	A visit to the college's fields and pastures to identify naturally growing	Pasture Management	Case history Brainstorming Debating and discussing	Examinations Daily and Monthly Final and
2	3	Artistic Methods in the Study of Rangeland Plants	Pasture Management	Case history Brainstorming Debating and discussing	Examinations Daily and Monthly Final and
3	3	Qualitative assessment	Pasture Management	Case history Brainstorming Debating and discussing	Examinations Daily and Monthly Final and
4	3	Methods for estimating the productivity of	Pasture Management	Case history Brainstorming Debating and	Examinations Daily and Monthly
5	3	Animal Load and How to Measure It	Pasture Management	Case history Brainstorming Debating and	Examinations Daily and Monthly
6			First Exam		
7	3	Natural pastures:	Pasture Management	Case history Brainstorming Debating and discussing	Examinations Daily and Monthly Final and
8	3	Exploitation Standard and How to Measure It	Pasture Management	Case history Brainstorming Debating and discussing	Examinations Daily and Monthly Final and
9	3	Caring for Pasture Animals	Pasture Management	Case history Brainstorming Debating and	Examinations Daily and Monthly
10	3	Complement to the theme of pasture animal care	Pasture Management	Case history Brainstorming Debating and	Examinations Daily and Monthly
11	3	Field visit to livestock fields to see the behavior of sheep and cows and goats	Pasture Management	Case history Brainstorming Debating and discussing	Examinations Daily and Monthly Final and Reports
12			Second Exam		
13	3	How to re-seed degraded rangelands	Pasture Management	Case history Brainstorming Debating and	Examinations Daily and Monthly
14	3	Treatment of poisoning and bloating of animals in rangelands	Pasture Management	Case history Brainstorming Debating and discussing	Examinations Daily and Monthly Final and

Course Evaluation	
Daily and monthly exams, reports and student effectiveness during the lecture .	
Learning and Teaching Resources;	
Required textbooks (methodology if any)	1- Natural Rangeland Management/ Dr. Ramadan Ahmed Al-Tikriti et al., 1982. 2- pasture handbook, 2021
Key References (Sources)	Recent articles from the Internet, specialised scientific journals, the Journal of Agricultural Sciences - Iraq and the Virtual Library.
Recommended supporting books and references (scientific journals,	Iraqi academic scientific journals
E-References, Websites	Crop Science Society Of America Forage and grasses The field crops _ principles and a practice forage science.