

## SOCIOLOGY AND ECOLOGY OF MEADOW RANGE

1	Course Title:	SOCIOLOGY AND ECOLOGY OF MEADOW RANGE
2	Course Code:	TAR3310PDS
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	6
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. EMİNE BUDAKLI ÇARPICI
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	e-posta: ebudakli@uludag.edu.tr Telefon: 0 224 29 415 14 Adres: Bursa Uludağ Üniversitesi Ziraat Fakültesi Tarla Bitkileri Bölümü
17	Website:	
18	Objective of the Course:	Meadow and Range vegetations include very different plant species and kinds and they are world's most important plant communities. They offer numerous uses such as in animal husbandry, soil and water conservations and in crop plant production. Making multiple advantages and being valuable resources. To survey and examine the sociological and ecological relations of such vegetations with yielding multiple uses will present valuable knowledges for sustainable and economic uses of these areas. To teach and train the students in this area make them strong to handle the problems related with grasslands.
19	Contribution of the Course to Professional Development:	To have knowledge about grassland ecosystems and ecological factors affecting these systems and sociological relationships between plants.
20	Learning Outcomes:	
	1	Student learns that there are vast natural range lands in Turkey.
	2	Percives that different range-meadow ecosystems were formed because of the different ecological regions in Turkey.
	3	Learns that the meadow and range vegetations formed from numerous plant species and the ecological and sociological relationships among them were very different
	4	They understand that there were stable structure in meadow and range ecosystems under stable environmental conditions, but in case of deteriorations in environmental conditions, the stability may be destroyed and dynamic characters appeared, because of these improvements new reactional happenings occurred in sociological and ecological relations, and then new balances were created.

	5	Student may use the knowledges obtained from this course in a right way in the improvement and management of meadows and ranges and shares his knowledges with the animal producers
	6	Student becomes aware of the meadow and range ecosystems are used mainly for forage production, but besides, they play big role in soil and water conservation, and they have benefits in bee, sweet water fishery, clean air, regreational area, etc.
	7	
	8	
	9	
	10	

21	Course Content:
----	-----------------

	<b>Course Content:</b>
--	------------------------

Week	Theoretical	Practice
1	General informations about meadow and range ecology and sociology Certain ecological terms about meadow and range vegetations Factors limiting plant growth and developments Grouping and introducing the environmental factors	Examples of legume forage crops found in pastures

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study	2	4.00	8.00
Homeworks	1	5.00	5.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	5.00	5.00
Others	1	10.00	10.00
Final Exams	1	6.00	6.00
Total Work Load			95.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

	relations	
8	Biotic factors (polination, biological scattering of plants) Meadow and range ecosystems (structure, functional components) Plant associations and vegetataion	Examples of cereal forage crops found in pastures
9	Biotic factors (polination, biological scattering of plants) Meadow and range ecosystems (structure, functional components) Plant associations and vegetataion	Examples from other families found in pastures



ÖK2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	5	4	0	4	4	3	0	3	0	0	0	0	0	0	0	0
ÖK6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			