

POISONOUS PLANTS IN MEADOW-RANGELANDS AND POISONING MECHANISMS

1	Course Title:	POISONOUS PLANTS IN MEADOW-RANGELANDS AND POISONING MECHANISMS	
2	Course Code:	TAB6019	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
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:	Prof.Dr. Emine BUDAKLI ÇARPICI e-mail: ebudakli@uludag.edu.tr Tel: 0 224 29 41524	
17	Website:		
18	Objective of the Course:	The aim of this course is to give basic information about poisonous plants that are problematic in meadow-rangelands, change of poison content of plants, causes of reproduction and spread of poisonous plants, causes of poisoning of animals, poisoning mechanisms of these plants, effects of poisonous plants on animals and preventive measures for poisoning in meadow-rangelands.	
19	Contribution of the Course to Professional Development:	The students taking the course are provided with knowledge about poisonous plants in meadow-rangelands, poisoning mechanisms and preventive measures against poisoning. Contribution is made to poisonous plants in the preparation of rangeland improvement and management projects.	
20	Learning Outcomes:		
		1	Recognize poisonous plants found in meadow-rangelands
		2	Learn the effects of poisonous plants on grazing animals
		3	Learns the methods of dealing with poisonous plants within the scope of rangeland improvement and management projects
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Poisonous plants in meadow-rangelands and their losses	
2	Causes of reproduction and spread of poisonous plants Methods of dealing with poisonous plants	
3	Plants containing mycotoxins and poisoning mechanisms	
4	Plants containing alkaloids and poisoning mechanisms	
5	Plants containing hydrocyanic acid and poisoning mechanisms	
6	Plants containing glycoside and poisoning mechanisms	
7	Plants containing phenol compounds and their poisoning mechanisms	
8	Plants containing condensed tannins and poisoning mechanisms	
9	Plants containing coumarin and poisoning mechanisms	
10	Plants containing oxalates and effects of oxalates on animals	
11	Plants containing estrogens and the effects of estrogens on animals	
12	Plants that cause swelling	
13	Plants containing toxic amino acids	
Activites		
		Number
		Duration (hour)
		Total Work Load (hour)
Theoretical	Materials: Zehirli Bitkileri. ISBN: 9789759374679, 95s	42.00
Practicals/Labs	0	0.00
Self study and preperation	Bitkileri, E.U. Fen Fak. Kitapları Ser., No:102, 102s.	56.00
Homeworks	12	60.00
Projects	2007. Handbook of poisonous and injurious plants. New York Botanical Garden.	0.00
Field Studies	0	0.00
Midterm exams	National / international articles on the subject	0.00
Others	0	0.00
Final Exams		15.00
TERM LEARNING ACTIVITIES		15.00
Total Work Load		173.00
Midterm Exam	0	0.00
Total work load/ 30 hr		5.77
ECTS Credit of the Course		6.00
Home work-project	12	40.00
Final Exam	1	60.00
Total	13	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		It is evaluated according to the principles of the Postgraduate Education Regulation of Bursa Uludağ University.
24	ECTS / WORK LOAD TABLE	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	1	5	5	4	4	5	5	3	5	4	0	0	0	0	0	0
ÖK2	0	5	5	4	4	5	5	4	5	4	0	0	0	0	0	0
ÖK3	5	5	5	5	4	5	5	4	5	5	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				