

# TURFGRASSES

1	Course Title:	TURFGRASSES
2	Course Code:	TAR3308-Z
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	6
7	ECTS Credits Allocated:	4.00
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. Uğur Bilgili
15	Course Lecturers:	Prof.Dr. Uğur Bilgili
16	Contact information of the Course Coordinator:	esvet@uludag.edu.tr 2941468 U.Ü. Ziraat Fakültesi, Tarla B.B., 16059, Görükle / Bursa
17	Website:	
18	Objective of the Course:	At the end of this lesson, student may have information about acknowledgement of turfgrass and their functions, morphological characteristics of cool and warm climate species, turfgrass application and care systems
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Important of turfgrass
	2	To know functions of turfgrass
	3	To know characteristics of cool and warm climate species and approve species
	4	To choose suitable species in turfgrass and to make suitable grass mixture
	5	To make care of turfgrass
	6	To know suitable fertilization of turfgrass
	7	To know suitable irrigation of turfgrass
	8	To know suitable mowing of turfgrass
	9	
	10	
21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Will be given general information about important of turfgrass	To make up student groups for Fenological Observation Studies Which are carried out during the Semester, Determination of grass plant species and distribution of grass plant species to groups

2	Morphological traits of turfgrass species	To sow of cool season turfgrass species like as Lolium perenne, Poa pratensis, Festuca arundinacea, Festuca rubra var. rubra, Festuca rubra var. commutata, Festuca rubra var. trichophylla, Agrostis stolonifera and Agrostis tenuis for fenological observation studies under greenhouse condition		
3	Properties of cool season turfgrass species	To make observation in terms of output speed, degree of covering, color and quality of turfgrass species for fenological observation under greenhouse condition		
4	Properties of warm season turfgrass species	To make observation in terms of output speed, degree of covering, color and quality of turfgrass species for fenological observation under greenhouse condition		
5	Classification of turfgrass fields according to their uses	To make observation in terms of output speed, degree of covering, color and quality of turfgrass species for fenological observation under greenhouse condition		
6	To define suitable turfgrass mixture	To make observation in terms of degree of covering, color and quality of turfgrass species for fenological observation under greenhouse condition		
7	Will be given information about making arrangements in terms of ground, soil, drainage and infrastructure at the construction stage of turfgrass areas	To make observation in terms of degree of covering, color and quality of turfgrass species for fenological observation under greenhouse condition		
8	Preparation of coverage materials such as peat, perlite, tuff which were made at the stage of preparation of soil before plantation of turfgrass fields and to define their usage	To make observation in terms of degree of covering, color and quality of turfgrass species for fenological observation under greenhouse condition		
9	Sowing of turfgrass fields	To make observation in terms of degree of covering, color and quality of turfgrass species for fenological observation		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		14	2.00	28.00
12	Optimization of turfgrass fields	14	2.00	28.00
Self study and preperation				
Homeworks		1	4.00	4.00
13	Irrigation of turfgrass fields	10	10.00	10.00
Projects				
Field Studies		8	3.00	24.00
14	Mowing of turfgrass fields			
Midterm Exams				
Others		1	4.00	4.00
22	Textbooks, References and/or Other Materials	Çim Alanlar Yapım ve Bakım Teknikği	2.00	2.00
Total Work Load				120.00
Total work load/ 30 hr				4.00
23	Assessment			
ECTS Credit of the Course				4.00
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Midterm Exam		1	35.00	
Quiz		0	0.00	
Home work-project		1	15.00	
Final Exam		1	50.00	
Total		3	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		50.00		
Contribution of Final Exam to Success Grade		50.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

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	3	3	3	3	3	2	4	5	4	4	4	4	0	0	0	0
ÖK2	4	3	3	3	3	2	4	4	3	4	4	4	0	0	0	0
ÖK3	4	3	3	3	3	3	4	5	5	5	4	4	0	0	0	0
ÖK4	4	4	3	4	3	3	4	5	5	4	4	4	0	0	0	0
ÖK5	4	3	4	3	3	3	4	5	5	4	4	4	0	0	0	0
ÖK6	3	3	3	3	3	3	4	5	3	4	4	4	0	0	0	0
ÖK7	3	3	3	3	3	3	4	5	4	4	3	4	0	0	0	0
ÖK8	3	3	3	3	3	3	4	5	3	4	4	4	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				