COVER PLANTS

1	Course Title:	COVER PLANTS	
2	Course Code:	TAR4337-S	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
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:	Doç.Dr. Emine BUDAKLI ÇARPICI e-mail: ebudakli@uludag.edu.tr Tel: 0224 29 41524	
17	Website:		
18	Objective of the Course:	The aim of this course is to give basic information about the cultivation of cover crops, their functions in field agriculture, the benefits and disadvantages of cover crops, the general characteristics of the crops suitable for different climatic zones, their ecological demands, agronomic features and their usage areas.	
19	Contribution of the Course to Professional Development:	Students who take the course will have information about cover crops, their usage areas and the benefits they provide. Thus, they gain qualifications to decide on choosing and growing the most suitable cover crop / crops for the current conditions.	
20	Learning Outcomes:		
		1	Learns cover plants and their general characteristics
		2	Understands the usage areas of cover crops, their importance and functions in agricultural production systems
		3	Selects suitable cover crops for different conditions. Learn about the preparation of planting for cover crops.
		4	Learns the ecological demands of different cover crops.
		5	Learns the production methods and times of different cover crops.
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21	Course Content:		
	Course Content:		
Week	Theoretical		Practice

1	Description, importance and functions of cover crops	
2	Uses of cover crops, comparison with other plants	
3	Applications to be done before planting in the area where cover crops will be grown	
4	Planting techniques of cover crops	
5	Maintenance operations in cover crops	
6	Benefits of cover crops (Soil erosion, weed control, soil carbon sequestration)	
7	Benefits of cover crops (Soil moisture, nitrate leakage, climate change)	
8	Benefits of cover crops (Worm population, microbial population, pest management, soil and water quality, wildlife and biodiversity)	
9	Limitations in the cultivation of cover crops	
10	Economic importance of cover crops	
11	Cover plant species and their cultivation	
12	Cover plant species and their cultivation	
13	The importance of cover crops in climate change	
14	Disadvantages of cover crops	

22	Textbooks, References and/or Other	Clark, A., 2007. Managing Cover Crops Profitably.

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	3	2.00	6.00
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	20.00	20.00
Others	0	0.00	0.00
Final Exams	1	30.00	30.00
Total Work Load			94.00
Contribution of Final Exam to Success Grade	60.00		3.13
ECTS Credit of the Course			3.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Quiz	1	10.00
Midterm exams	1	60.00
Final Exams	1	40.00
Total Work Load 30 h		

Measurement and Evaluation Techniques Used in the Course	It is evaluated according to the principles of the Associate and Undergraduate 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	5	3	2	4	4	4	1	5	0	0	0	0	0	0	0	0
ÖK2	5	3	2	4	4	3	1	5	0	0	0	0	0	0	0	0

ÖK3	5	5	5	4	4	3	1	3	0	0	0	0	0	0	0	0
ÖK4	5	4	4	4	2	2	1	3	0	0	0	0	0	0	0	0
ÖK5	5	4	4	4	2	2	1	2	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**