NEW APPLICATIONS IN PLANT PRODUCTION										
1	Course Title:	NEW AF	PLICATIONS IN PLANT PRODUCTION							
2	Course Code:	PSBS333								
3	Type of Course:	Optional								
4	Level of Course:	Short Cycle								
5	Year of Study:	2								
6	Semester:	3								
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:	English								
13	Mode of Delivery:	Face to face								
14	Course Coordinator:	Dr. Ögr. Üyesi PAKİZE ÖZLEM KURT POLAT								
15	Course Lecturers:									
16	Contact information of the Course	Dr. Öğr. Üyesi P. Özlem KURT								
	Coordinator:	ozlemkurt@uludag.edu.tr								
		Teknik Bilimler MYO								
		Nilüfer, Bursa								
17	Website:									
18	Objective of the Course:	techniques and plant materials suitable for changing ecological								
		conditions and demands and to be aware of new methods and technologies developed in plant production								
19	Contribution of the Course to	In Crop Production; It is to have a perspective that understands and								
	Professional Development:	develops the changing ecology and developing technological								
20	Learning Outcomes:									
20		1	Learning the classical methods in plant production in							
			Türkiye and the world							
		2	Learning modern agricultural methods in developed countries;							
		3	Learning modern agricultural methods in our country							
		4	Understanding the necessity of modern technologies in plant production							
		5								
			Baising awareness of methods to establish the balance between the climate crisis and crop production							
		6								
			Learning modern methods actively used in agricultural technologies							
		7	Conservation of limited resources in plant production with new methods							
		8	Sustainability of crop production							
		9								
		10								
21	Course Content:									

	Course Content:											
Week	Theoretical		Practice									
1	History of plant production in Türkiye world	and the										
2	Methods developed in plant production the necessity of these methods	on and										
3	Technology-supported production mo applied in the world and in our countr	odels y										
4	Areas of use of digitalization in crop production											
5	Systems to increase the efficiency of use with new methods and applicatio plant production	water ns in										
6	Modern farming methods											
7	Comparison of classical farming and farming methods	modern										
8	Benefiting from imaging systems in c production and planning	rop										
9	Use of drones in support and control in plant production techniques	systems										
10	Sustainable plant production method	S										
11	Measures to be taken in crop product slow down the pace of the climate cri	tion to sis										
12	Remote control systems and unmanr vehicles developed for use in crop pro-	ned oduction	_									
Activit	es		Number	uration (hour)	Total Work Load (hour)							
Theore	egal producers in Vegetable Product	ion	14	2.	00	28.00						
Practica	als/Labs		0	0.	00	0.00						
Self stu	dyaterials:		14	2.	00	28.00						
Homew	vorks		12	2.	00	24.00						
Project	6		0	0.	00	0.00						
Field St	tudies		0	0.	00	0.00						
Midtern	EARNING ACTIVITIES	NUMBE R	NEIGHT	3.	00	3.00						
Others			0	0.	00	0.00						
Qiona l Ex	xams	0	00.00	3.	00	3.00						
Total W	/ork Load					86.00						
Frial e	ρak <mark>h</mark> load∕ 30 hr	1	60.00			2.87						
ECTS (Credit of the Course					3.00						
Contrib Succes	ution of Term (Year) Learning Activitie s Grade	40.00										
Contrib	ution of Final Exam to Success Grade	60.00										
Total			100.00									
Measur Course	rement and Evaluation Techniques Us	ed in the	Midterm Exam and Final Exam									
24	ECTS / WORK LOAD TABLE											

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	4	4	4	3	3	4	5	5	3	3	3	3	0	0	0	0
ÖK2	4	3	5	5	3	3	3	4	4	4	4	4	0	0	0	0
ÖK3	3	3	4	4	4	4	5	5	4	3	3	4	0	0	0	0
ÖK4	5	3	5	5	3	4	4	3	4	3	4	4	0	0	0	0
ÖK5	4	4	4	5	3	3	5	4	3	5	4	4	0	0	0	0
ÖK6	5	4	5	5	3	3	3	4	4	3	3	4	0	0	0	0
ÖK7	3	4	3	4	4	5	3	3	4	4	3	4	0	0	0	0
ÖK8	4	4	4	3	4	3	4	4	3	3	3	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	trib 1 very low on vel:			2 low			3 Medium		4 High		5 Very High					