	PROTECTED	VEGE	TABLE CULTIVATION							
1	Course Title:	PROTE	CTED VEGETABLE CULTIVATION							
2	Course Code:	BAH3102								
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cycle								
5	Year of Study:	3								
6	Semester:	6								
7	ECTS Credits Allocated:	3.00								
8	Theoretical (hour/week):	1.00								
9	Practice (hour/week):	2.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to face								
14	Course Coordinator:	Doç. Dr. NURAY AKBUDAK								
15	Course Lecturers:	Doç.Dr. Nuray AKBUDAK								
16	Contact information of the Course Coordinator:	Bursa Uludağ Üniversitesi Ziraat Fakültesi Bahçe Bitkileri Bölümü Görükle Kampusu - Bursa Telefon: 224-2941486 E-posta: nakbudak@uludag.edu.tr								
17	Website:									
18	Objective of the Course:	To introduction to production in greenhouses, production techniques in green houses, fine tuning of growing condition in greenhouses.								
19	Contribution of the Course to Professional Development:	Greenhouse has made the promotion of great importance for Turkey and greenhouse vegetable cultivation. A basic professional awareness and knowledge is provided.								
20	Learning Outcomes:									
		1	Understand how to grow summer vegetables in greenhouses							
		2	Understand how to grow vegetables in tunnels							
		3	Selection of species and cultivars according to growing seasons							
		4	Seedling production							
		5	Application of practical growing techniques							
		6	Solve problems during production							
		7	Controlling greenhouse conditions							
		8	Understand and apply new growing techniques							
		9								
		10								
21	Course Content:									
	Course Content:									
Week	Theoretical		Practice							
1	Greenhouse Vegetable Production in World and in Turkey	n the	Selection of students working groups and establishment of tunnels							
2	Low and High Plastic Tunnels		Introduction of greenhouse parts							

3	Classification of greenhouses and facaffecting site selection of the greenhouses		Analysis of growing conditions and soil preparation in greenhouses							
4	Greenhouse structure elements and regulating greenhouse air		Seed sowing							
5	Soil tillage, irrigation and fertilization greenhouses	in	Seedling grafing in vegtables							
6	Growing tomatoes in the greenhouse)	Production under tunnels							
7	Growing pepper in the greenhouse		Hanging of plants in greenhouse							
8	Growing eggplant in the greenhouse		Prunning in vegetables							
9	Growing cucumber in the greenhouse	е	Technical visit to greenhouses in the region							
10	Pruning techniques for cucumber and vegetables	d other	Pollination and application plant growth regulators							
11	Growing squash in the greenhouse		Harvest							
12	Growing melon and watermelon in th greenhouse	е	Presentation of results							
13	Growing beans in the greenhouse		Organik vegetable production in greenhoses.							
14	Growing lettuce in the greenhouse		Soilless culture							
22	Textbooks, References and/or Other Materials:		Tüzel, Y. ve Gül, A. 2008. Seralarda İyi Tarım Uygulamaları. Tibyan Yayıncılık, 172 s. Sevgican, A. 1999. Örtüaltı Sebzeciliği (Topraklı Tarım). Ege Üniv. Zir. Fak. Yay. No :528, İzmir, 302 s. Hanan, J.J. 1998. Greenhouses. Advanced Technology for Protected Horticulture. CRC Press Press LLC.							
Activit	tes		Number	Duration (hou	r) Total Work Load (hour)					
Theore	Kasesment		14	1.00	14.00					
	als/Labs		14	2.00	28.00					
Self stu	udy and preperation	R	10	1.00	10.00					
Homev	vorks		5	2.00	10.00					
Project	ts.	0		0 00	0.00					
Field S			14	1.00	14.00					
Midterr	xam n exams	1	400.00	2.00	2.00					
Others			0	0.00	0.00					
Contric Final E Succes	oution of Ferm (Year) Learning Activitie Xams ss Grade	es to	40100	12.00	12.00					
Total V	Vork Load				90.00					
Total w	ork load/ 30 hr	9	400.00		3.00					
	Credit of the Course				3.00					
Measu Course 24	rement and Evaluation Techniques Use		They carry out a mi	idterm, a final and a pration.	roject within the					

CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME **QUALIFICATIONS** PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8 PQ9 PQ1 PQ11 PQ12 PQ1 PQ14 PQ15 PQ16 ÖK1 ÖK2 ÖK3

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