CONTROL METHODS OF PLANT DISEASES AND PESTS

1	Course Title:	CONTROL METHODS OF PLANT DISEASES AND PESTS
2	Course Code:	BTK3621
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	2.00
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. ÜMİT ARSLAN
15	Course Lecturers:	Prof. Dr. Orkun Barış KOVANCI
16	Contact information of the Course Coordinator:	Prof. Dr. Ümit ARSLAN uarslan@uludag.edu.tr Tel: 0 224 294 15 75 Bursa Uludağ Üniversitesi, Ziraat Fakültesi Bitki Koruma Bölümü Görükle Kampüsü, Nilüfer-BURSA
17	Website:	
18	Objective of the Course:	The objective of this course is to provide students with information on the principles of plant diseases and pest control, their application as well as the methods of pest control and integrated pest management (IPM) in order to create the awareness of integrated control.
19	Contribution of the Course to Professional Development:	This course provides students with basic information about control methods against plant diseases and pests
20	Learning Outcomes:	

		1	Students will be able to; select the right pest control option and apply when necessary.
		2	To chose the most selective control method for the environment and successfully incorporate it into IPM programmes.
		3	To decide whether a crop can be grown organically or not,
		4	To apply pesticides at the right dose, at the right time in the right way.
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21	Course Content:	

Course Content:		
Week	Theoretical	Practice

1	Introduction to Pest Management	
2	Cultural Control	
3	Mechanical and Physical Control	
4	Quarantine and Legal Control	
5	Biological Control	
6	Biotechnological and Genetical Control	
7	Chemical Control	
8	Integrated Pest Management	
9	Agricultural Quarantine and Legal Control for Plant Diseases	
10	Cultural Control for Plant Diseases	
11	Host Plant Resistance to Plant Diseases	
12	Biological Control for Plant Diseases	
13	Chemical Control for Plant Diseases	
14	Integrated Pest Management for Plant Diseases	

22	Textbooks, References and/or Other Materials:	Awasthi V.B. 2007. Agricultural Insect Pests and Their Control. Vedams Books, 268 p, ISBN : 8172334915. Toros, S., Maden, S. ve Sözeri, S. 1999. Tarımsal Savaş Yöntem ve İlaçları A.Ü.Ziraat Fakültesi Yayın No: 1508, Ders Kitabı 462. 417 s.

Activites		Number		Duration (hour)	Total Work Load (hour)
Theoretical		1	14	2.00	28.00
Midterm Exam			40.00		
Practicals/Labs			0	0.00	0.00
Self study and preperation		0	0	0.00	0.00
Home work project			0.00		
Homeworks			0	0.00	0.00
Projects		2		0.00	0.00
Total			100.00		
Field Studies			0	0.00	0.00
Midterm exams			1	10.00	10.00
Success Grade					
Others			0	0.00	0.00
Contribution of Final Exam to Success Grade			60.00		
Final Exams			1	22.00	22.00
Total			100.00		
Total Work Load					70.00
Course		and Undergraduate Education Regulation of Bursa Uludağ University.			
Total work load/ 30 hr					2.00
ECTS Credit of the Course					2.00

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	5	0	0	3	0	0	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

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High