PEST OF ORNAMENTAL PLANTS

1	Course Title:	PEST OF ORNAMENTAL PLANTS
2	Course Code:	SBYS410
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	4
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:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Birol Taş
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	melik@uludag.edu.tr, 02242942352, U.Ü.Teknik Bilimler Meslek Yüksekokulu B Blok-Görükle Kampüsü/Bursa
17	Website:	
18	Objective of the Course:	To introduce insects, Nematodes, Acarina, Annelida and Mollusca which are pest animal organismas on ornamental plants and to determine the damage mechanisms, life cycles and management strategies of some important pest species
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	Determining animal parasites on ornamental plants
	2	Having the knowledge about learning Insects, Nematodes, Acarina, Annelida and Mollusca on Ornamental plants
	3	Having the knowledge about knows forms of animal organisms harmful to plants, damage to ornamental plants.
	4	Having the knowledge about management strategies of pest animal organisms on Ornamental plants
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21	Course Content:
	Course Content:

Week	Theoretical	Practice
1	Place of insects in systematicsand similar animal groups	
2	Morphology of insects caput, thorax, abdomen, type of legs of insect .	

3	Development of Insect phases of larva and controlling them	
4	Reproduction and meta-morphosis in insect	
5	Development of larva and types of pupa in insects	
6	General principles of controlling pest of plants	
7	Factors playing a role in making a decision of agricultural control	
8	Midterm exam and repeating courses	
9	Control methods of pest(quarentinam measures, cultural measures, mechanic control, physical control, biochemical methods, biological control and chemical control)	
10	Classification of pesticides, general information about pesticides used for agricultural pest(Insecticides, Acaricides, Nematicides, Rodenticides, Mollucacides)	
11	Definitions of Thrips, Afits, Grayllotalpa grayllotalpa and Tetranychus, their damage mechanisms and control methods	
12	Midterm exam and repeating courses	
13	Definitions of Liriomyza trifolii, Nematods, Syrista Parreyssi, their damage mechanisms and control methods	
14	Definition of Parthenolecanium, its damage	

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	14	1.00	14.00
Homeworks	2	4.00	8.00
Projects	0	0.00	0.00
Field Studies	4	2.00	8.00
Midterm Exam	2	10.00	20.00
Others	0	0.00	0.00
Final Exams	1	7.00	7.00
Total Work Load			85.00
Total work load/ 30 hr			2.83
ECTS Credit of the Course			3.00

Materials:
(unpublished)
•"General Entomology"-Prof. Dr. Akif KANSU
Rural Affairs Ministry,Provincial Directorate in Izmir- M. Mete Yücer.
AÜ. Agricultural Faculty Press.:11200, Lesson Book: 305

MEDIUM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	2	50.00
Quiz	0	0.00
Home work project	0	0.00
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	2	1	0	4	3	0	3	0	0	0	0	0	0	5	3	0
ÖK2	2	1	0	4	3	0	3	0	0	0	0	0	0	5	3	0
ÖK3	2	1	0	4	3	0	3	0	0	0	0	0	0	5	3	0
ÖK4	2	1	0	4	3	0	3	0	0	0	0	0	0	5	3	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**		**2 low**			**3 Medium**			**4 High**			**5 Very High**				