AGRICULTURAL NEMATOLOGY

1	Course Title:	AGRICULTURAL NEMATOLOGY	
2	Course Code:	BIT5015	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
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. İSMAİL ALPER SUSURLUK	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	susurluk@uludag.edu.tr (0 224) 294 15 79 Uludağ Üniversitesi, Ziraat Fakültesi, Bitki Koruma Bölümü	
17	Website:		
18	Objective of the Course:	Nematology is detailed to develop student's nematology knowledge. In this way students will be successful about plant diseases, comprise of nematodes.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To learn location of nematodes in the animal kingdom, role of insect parasitic nematodes in agriculture and yield loss due to plant parasitic nematodes.
		2	To learn general morphological features, reproduction and growing of insect parasitic nematodes.
		3	To understand nematodes relationship with environments and each other.
		4	To learn and teach control methods of nematodes, application methods of nematodes.
		5	To recognize problem of a region or country due to nematodes.
		6	To solve problems which are appear suddenly because of nematodes.
		7	To take soil samples from fields where have a problem about nematode and to analyze this samples.
		8	-
		9	-
		10	-
21	Course Content:		

Course Content:

Week	Theoretical	Practice

1	Locations of systematics, economic importance and out surface of nematodes are taught.	
2	Internal organs of nematodes (muscle, digestive, execratory, circulatory, respiratory, reproduction, nervous and sense organs-1) are taught.	
3	Internal organs of nematodes (sense organs-2, light and secretion organs) are taught.	
4	Reproduction and growing of nematodes are taught.	
5	The information about growing of nematodes is taught.	
6	Ecologies of nematodes about inanimate agents are taught.	
7	Ecologies of nematodes about alive agents are taught.	
8	Control methods of plant pests deal with economically. Predicting and early warning system are lectured.	
9	Cultural protection and biological control-1 against nematodes are taught.	
10	Biological control-2 and physical control are lectured.	
11	Extraction and isolation of nematodes in the soil are taught.	
12	[illegible]	
13	[illegible]	
14	[illegible]	
22	Textbooks, References and/or Other Materials:	Nematoloji, E. Perlıvan
23	Assesment	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	3	8.00	24.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	40.00	40.00
Total Work Load			148.00
Total work load/ 30 hr			4.93
ECTS Credit of the Course			6.00

Quiz	0	0.00
Final Exam	1	100.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to Success Grade		0.00
Contribution of Final Exam to Success Grade		100.00
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	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	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	0	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**				