

GENERAL NEMATOLOGY

1	Course Title:	GENERAL NEMATOLOGY
2	Course Code:	BTK3613
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:	This course includes basic information about general nematology. Most of the information is memorized. The lesson must be studied day by day.
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. İSMAIL 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:	The problems in production of plants because of nematodes could be recognized truly and quickly. The problems could be controlled by means of this course.
19	Contribution of the Course to Professional Development:	The graduates of plant protection who take this course will have detailed information about the problems they face due to their knowledge of the nematode problems encountered in plant production.
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 work about agricultural pesticides.
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	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, excretory, 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	Growing of nematodes and reproduction of insects are 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			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	control are taught.	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preparation	Textbooks, References and/or Other	5	1.00	5.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1	1.00	1.00
Others		0	0.00	0.00
Final Exams		1	15.00	15.00
Total Work Load				58.00
Total work load/ 30 hr				1.93
ECTS Credit of the Course				2.00
Quiz		0	0.00	
Home work-project		0	0.00	
Final Exam		1	60.00	
Total		2	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		Assessment is made as 1 midterm and 1 final exam and evaluated with relative evaluation.		
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	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	3	0	3	0	0	0	3	0	0	3	0	0	2	0	5	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	4	0	3	0	0	0	2	3	0	0	5	0	2	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			