

# NEMATOLOGY

1	Course Title:	NEMATOLOGY
2	Course Code:	BIO6503
3	Type of Course:	Optional
4	Level of Course:	Third 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:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Hikmet Sami Yıldırımhan
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	Prof. Dr. Hikmet Sami YILDIRIMHAN yhikmet@uludag.edu.tr +90 224 2941790 Uludag University, Faculty of Arts and Science, Department of Biology, 16059, Nilüfer-Bursa
17	Website:	
18	Objective of the Course:	It is aimed that the basic knowledges about the description of Nematoda phylum and the principals of classification, morphology, characteristics of reproduction, selection of host
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	They have knowledge of parasitism, ectoparasite and endoparasite concepts.
	2	They have knowledge about life style of parasites and their intermediate hosts, methods which are used identification.
	3	They know formation mechanism of illnesses by parasite.
	4	They know transmission ways of infections.
	5	They discuss evolutionary effects of parasitism.
	6	They have knowledge of helminth identification.
	7	They have knowledge of methods which are used parasite identification.
	8	They know general characteristics of Phylum: Nematelminthes. They comprehend identification, morphologic, systematic and parasitic characteristics of parasite in this phylum.
	9	They identify interactions between parasite and host.
	10	
21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice

1	The students learn style of the course programme. The students are illuminated about final exams.	
2	Symbiotic life styles in organisms are explained.	
3	It is given knowledge about parasitism, ectoparasite and endoparasite concepts.	
4	Life styles of parasites and their intermediate hosts, methods which are used identification.	
5	The interactions between host and parasite	
6	Individual and evolutive effects of parasitism.	
7	General characteristics of Phylum: Nematelminthes, classification.	
8	Life stages, larvae and eggs of Phylum: Nematelminthes.	
9	Parasitism and life cycles of Trichinella spiralis.	
10	Parasitism and life cycles of Ascaris lumbricoides.	
11	Parasitism and life cycles of Dracula medinensis.	
12	Parasitism and life cycles of Wuchereria bancrofti	
13	Medical importance of parasites in Phylum: Nematelminthes.	
Activites		
Theoretical	Materials:	Vertebrates Their Development and Transmission. C.A.B International Canada
Practicals/Labs		0
Self study and preperation		Vertebrates. J & A Churchill, London. 14
Homeworks		3 Yamaguti. 1963. Systema Helminthum - The Nematodes
Projects		2
Field Studies		0
TERM LEARNING ACTIVITIES		
Midterm exams		0
Others		0
Final Exams		0
Total Work Load		
Total Workload/ 30 hr		1
ECTS Credit of the Course		
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	4	1	4	5	3	5	4	5	3	4	5	5	0	0	0	0
ÖK2	3	2	4	5	3	5	4	5	4	4	5	5	0	0	0	0
ÖK3	5	1	4	5	2	5	4	4	3	5	5	5	0	0	0	0
ÖK4	4	3	5	5	3	4	4	4	4	5	5	5	0	0	0	0
ÖK5	5	1	5	5	3	5	4	4	3	4	5	5	0	0	0	0
ÖK6	5	2	5	5	3	5	4	5	5	5	5	5	0	0	0	0
ÖK7	4	3	4	5	3	5	4	5	5	5	5	5	0	0	0	0
ÖK8	5	3	4	5	3	4	4	5	4	5	5	5	0	0	0	0
ÖK9	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			