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 Sience, Department of Biology, 16059, Nilüfer-Bursa	
17	Website:		
18	Objective of the Course:	t is aimed that the basic knowledges about the description of Nematoda phylum and the principals of classification, morphology, characteristcs of reproduction, selection of host	
19	Contribution of the Course to Professional Development:	t is aimed that the basic knowledges about the description of Nematoda phylum and the principals of classification, morphology, characteristcs of reproduction, selection of host	
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: Nemathelminthes. They comprehend identification, morphologic, systematic and parasitic caharacteristics of parasite in this phylum.
		9	They identify interactions between parasite and host.
		10	
21	Course Content:		
	Course Content:		
Week	Theoretical		Practice

1	The students learn style of the course programme. The students are iluminated 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: Nemathelminthes, classification.	
8	Life stages, larvae and eggs of Phylum: Nemathelminthes.	
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: Nemathelminthes.	

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	6.00	84.00
Homeworks	3	4.00	12.00
Projects	2	5.00	10.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	32.00	32.00
Total Work Load			180.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

23 Assessment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Quiz	0	0.00
Final Exam	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		The writing examination

24 ECTS / WORK LOAD TABLE

Materials:

Vertebrates Their Development and Transmission. C.A.B International Canada.
vertebrates. J & A Churchill, London.
3- Yamaguti, 1963. Systema Helminthum. The Nematodes

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**				