HELMINTHOLOGY									
1	Course Title:	HELMIN	THOLOGY						
2	Course Code:	BIO5508							
3	Type of Course:	Optional							
4	Level of Course:	Second	Cycle						
5	Year of Study:	1							
6	Semester:	2							
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. F.NACI ALTUNEL							
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	Prof. Dr. F. Naci ALTUNEL altunel@uludag.edu.tr 0224 2941784 Uludağ Üniversitesi, Fen – Edebiyat Fakültesi, Biyoloji Bölümü, 16059, Nilüfer-Bursa							
17	Website:								
18	Objective of the Course:	The general characteristcs, classes, growing, reproduction and classification of phylum Plathelminthes (Turbellaria, Temnocephala, Monogena, Digenea, Cestoderia, Cestoda), Nemathelminthes, Nematomorpha and Acanthocephala.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	The students learn about diagnosis of Helminth parasites.						
		2	The students learn methods using for identification of Helminth parasites.						
		3	They learn spesific determining methods of parasites belong to different groups.						
		4	They learn identification of Plathelminthes and some parasite species belong to phylum: Plathelminthes, morphological, systematical and parasitical characteristics.						
		5	They learn identification and general features of Nemathelminthes and some parasite spesies belong to phylum: Nemathelminthes, morphological, systematical and parasitical characteristics.						
		6	They learn identification and general features of Nematomorpha and some parasite spesies belong to phylum: Nematomorpha, morphological, systematical and parasitical characteristics.						
		7	They learn identification and general features of Acanthocephala and some parasite spesies belong to phylum: Acanthocephala, morphological, systematical and parasitical characteristics.						
		8	The course descripes relationships between parasite and host						

		9	The course classifies parasite species to their life style.								
	10 It classifies the parasites which have medica										
21	Course Content:										
	Course Content:										
Week	Theoretical		Practice								
1	The students learn style of the course programme. The students are ilumina about final exam.	e ated									
2	The diagnosis and preparation of He parasites.	elminth									
3	Explaining the general characteristics systematics of the phylum Plathelmin	s and hthes.									
4	Explaining the general characteristics morphology, life cycles, ecology and systematics of the Classis Turbellaria Temnocephala.	s, a and									
5	Explaining the general characteristics morphology, life cycles, ecology and systematics of the Classis Monogene Parasitism and life cycles of Dactylog Gyrodactylus sp., Diplozoon sp. and Microcotyle sp.	s, ea. gyrus sp.,									
6	Explaining the general characteristics morphology, life cycles, ecology and systematics of the Classis Digenea. Parasitism and life cycles of Easciola	5,									
Activit	les		Number	Duration (hour)	Total Work Load (hour)						
Theore	Incorphology, life cycles, ecology and Ical Isystematics of the Classis Cestoda.		14	3.00	42.00						
Practic	als/Labs		0	0.00	0.00						
Self stu	by and preperation	2	14	4.00	56.00						
Homew	vorks		5	16.00	80.00						
Project	systematics of Cestodaria.		3	10.00	30.00						
Field S	tudies		0	0.00	0.00						
Midterr	systematics of Nemathelminthes.		0	0.00	0.00						
Others	•		0	0.00	0.00						
Final E	Shifting and Ascans tumbleoldes being Shifting and Ascans tumbleoldes being Shifting and States and State	ong to	1	32.00	32.00						
Total V	Vork Load				240.00						
Total w	morphology hite cycles, ecology and				8.00						
ECTS (Credit of the Course				6.00						
	morphology, life cycles, ecology and systematics of Acanthocephala.										
13	Parasitism and life cycles of Acantho sp. and Neoechinorhynchus sp. belo phylum Acanthocephala.	cephalus ng to									
14	The medically important parasites.										
22	Textbooks, References and/or Other Materials:		 1-Dollfus R. 1946. Parasites des Helminthes. Encyclopedie Biologique. Paris. 2- Harris C. L. 1992. Concepts in Zoology. Harper Collins Publishers. New York. 3-Tınar R., Umur Ş, Köroğlu E., Güçlü F., Ayaz E., Şenlik B., Muz N. M. 2006. Helmintoloji. Birinci Baskı, Nobel Yayın Dağıtım, Ankara. 								
23	Assesment										

TERM LEARNING ACTIVITIES					N	IUMBE	E WE	WEIGHT									
						R	2										
Midterm Exam						0		0.0	0.00								
Quiz						0		0.0	0.00								
Home work-project 0)	0.0	0.00								
Final Exam 1							10	100.00									
Total						1	1.	10	100.00								
Contribution of Term (Year) Learning Activities to Success Grade						to	0.00										
Contribution of Final Exam to Success Grade							10	100.00									
Total							10	100.00									
Measurement and Evaluation Techniques Us Course				s Use	d in th	ne											
24 EC	;TS/	' WO	RK L	OAD	TAB	LE											
25			CON	TRIE	BUTIC	N O	F LE	ARN	ING	ουτα	COME	S TO	PROC	GRAMI	ME		
QUALIFICATIONS																	
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16	
ÖK1	4	1	4	5	3	5	4	5	3	0	0	0	0	0	0	0	
ÖK2	3	2	4	5	3	5	4	5	4	0	0	0	0	0	0	0	
ÖK3	5	1	4	5	2	5	4	4	3	0	0	0	0	0	0	0	
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ÖK4	4	3	5	5	3	4	4	4	4	0	0	0	0	0	0	0	
ÖK5	5	1	5	5	3	5	4	4	3	0	0	0	0	0	0	0	
ÖK6	5	2	5	5	3	5	4	5	5	0	0	0	0	0	0	0	
ÖK7	4	3	4	5	3	5	4	5	5	0	0	0	0	0	0	0	
ÖK8	5	3	4	5	3	4	4	5	4	0	0	0	0	0	0	0	
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
äuus																	
OK10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LO: Learning Objectives PQ: Program Qualifications																	
Contrib 1 very low ution Level:		2 low 3 M			Med	edium 4 High			5 Very High								