PHYSIOLOGY OF DIGESTIVE SYSTEM										
1	Course Title:	PHYSIOLOGY OF DIGESTIVE SYSTEM								
2	Course Code:	BIO5500								
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:									
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	ace							
14	Course Coordinator:	Prof. Dr.	SiBEL TAŞ							
15	Course Lecturers:	Yok								
16	Contact information of the Course Coordinator:	Prof. Dr. Uludağ Ü e-posta: Telefon: and Scie e-mail: s Phone: 0	Sibel TAŞ Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü smeral@uludag.edu.tr 0 (224) 294 1795 ence, Department of Biology smeral@uludag.edu.tr 0 (224) 294 1795							
17	Website:									
18	Objective of the Course:	Explanat mechani structure	ion of nutrient intake in Invertebrate and related sms, explanation of gastrointestinal sandtheirfuntions in Vertebrata.							
19	Contribution of the Course to Professional Development:	Knowing importan body sys	the digestive system and differences of living things, the ce of nutrition and the contribution of basic nutrients to the stem, it can develop different working methods.							
20	Learning Outcomes:									
		1	To describe Invertebrates and vertebrates proces food physically and chemically within the digestive tract.							
		2	To know organization and functions of digestive organs							
		3	To understand considerable anatomical modifications in the different parts of the digestive							
		4	To describe regulation of food intake							
		5	To know digestive system enzymes and hormones							
		6	To describe gastric and intestinal digestion, absorption, and excretion							
		7	To know nutrition and metabolism							
		8	To know gastrointestinal system diseases							
		9								
		10								
21	Course Content:									
		Co	urse Content:							
Week	Theoretical		Practice							
1			I							

2	Expla and i	anati relate	ion of ed me	nutrie chani:	nt inta sms	ake in \	/erteb	rata											
3	In humans the basic functions and tissue																		
	phar	structure of the digestive system, mouth, bharynx and esophagus																	
4	Tran gastr	spor rointe	t and estina	mixing I tract	g of nu	utrients	throu	gh the	•										
5	Anat secre gastr	omy etion ric m	and f s, enz otility	unctio zymes	ns of , horn	the sto nones-	mach regula	- ition of	f										
6	Anat horm	omy nones	and f s	unctio	n of p	ancrea	is- enz	zymes	,										
7	Anat	omy	and r	netabo	olic fu	nction	of live	r											
8	Anate the s intes othe	omy mall tine r sub	of the intest –carb stanc	e smal tine at ohydra es	l intes osorpt ate, lip	tine fui ion froi pid, pro	nction m the oteins	s of small and											
9	Anat rectu	omy ım, a	and f Inal ca	unctio anal ai	ns of nd an	the laro us	ge inte	estine-											
10	Dige: gastr	stion rointe	and a	absorp I tract	otion i	n the													
11	Diso	rders	s of ga	astroin	testin	al syst	em												
12	Carb	ohyc	drate r	netab	olism														
13	Lipid	met	abolis	m															
14	Prote	ein m	netabo	olism					<u> </u>							T (1)4(1			
ACtivit	Activites									NUTTL			Dura				Load (hour)		
Theore	Theoretical								Hu	Hulman anatomy and Phy				/siology; Robert Catala, Uohn P					
Practicals/Labs									(0				0.00			0.00		
Self stu	Self study and preperation									19929				3.00			42.00		
Homev	vorks									4				15.00			60.00		
TERM I	FARM		ACTI	VITIES			Ν	UMRE	- Wi					0.00			0.00		
Midterr	FITI Exame In									0.00			0.00	0.00			0.00		
Others										0			0.00			0.00			
Fighanee	warks	proje	ect				0		0.0	0.00			36.00)		36.00			
Total V	Vork L	oad													180.00				
Total w	atal work load/ 30 hr 1										100.00					6.00			
ECTS (ECTS Credit of the Course															6.00			
Contrib	Contribution of Final Exam to Success Grade								10	100.00									
Total	Total								10	100.00									
Measurement and Evaluation Techniques Used in the The system of relative evaluation is applied. Course																			
24	24 ECTS / WORK LOAD TABLE																		
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																		
	F	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16		
ÖK1	3	3	1	1	5	5	5	4	3	5	0	0	0	3 0	0	0	0		

ÖK2	3	1	1	5	5	5	4	3	5	0	0	0	0	0	0	0
ÖK3	3	1	1	5	5	5	4	3	5	0	0	0	0	0	0	0
ÖK4	3	1	1	5	5	5	4	3	5	0	0	0	0	0	0	0
ÖK5	3	1	1	5	5	5	4	3	5	0	0	0	0	0	0	0
ÖK6	3	1	1	5	5	5	4	3	5	0	0	0	0	0	0	0
ÖK7	3	1	1	5	5	5	4	3	5	0	0	0	0	0	0	0
ÖK8	3	1	1	5	5	5	4	3	5	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	ntrib 1 very low ion vel:			2 low			3 Medium			4 High			5 Very High			