Т	HE SPECIFIC FUNCTI	ONS (	OF THE ORGANS AND TISSUES						
1	Course Title:	THE SPECIFIC FUNCTIONS OF THE ORGANS AND TISSUES							
2	Course Code:	VBK6019							
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	3.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:								
12	Language:	Turkish							
13	Mode of Delivery:	Face to t	face						
14	Course Coordinator:	Prof. Dr.	Ümit Polat						
15	Course Lecturers:	Prof. Dr.	Ümit Polat						
16	Contact information of the Course Coordinator:	Prof. Dr. Ümit Polat upolat@uludag.edu.tr 41283 B.U.Ü. Veteriner Fak. Biyokimya ABD. Bursa							
17	Website:								
18	Objective of the Course:	Learning the specific biochemical mechanisms of organs and tissues in living things							
19	Contribution of the Course to Professional Development:	Understanding of special biochemical mechanisms in living organism							
20	Learning Outcomes:								
		1	Detailed learning of cell building blocks and their functions						
		2	Understanding the blood coagulation mechanisms						
		3	To know the special functions of the liver and kidney						
		4	Learning the urine formation mechanism and the functioning of muscle contractions						
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
10.	T	Сс	purse Content:						
	The cell and subsellular common and		Practice						
1	The cell and subcellular components nucleus, mitochondrium, microsomes lysosomes, cytoplasm, cell membrar	S,							
2	Blood, blood components, erythrocy hemoglobine and their functions	tes,							

3	Blood plasma, coagulation factors, coagulation mechanism and factors a coagulation.	ffecting							
4	Liver, role of liver in intermediate met biotransformation reactions, detoxifica chemical transformations								
5	Pathological biochemistry of liver, live function tests and importance and clir applications of liver function tests								
6	Foods, feeding, basal metabolism, dig secretions, degradation and resorption nutrients								
7	Anatomy, structure and functions of k glomerular filtration, regulation of kidr functions								
8	Kidney function tests, clinical applicat importance of kidney function tests	ions and							
9	Physical and chemical properties, microscobical examination, formation	of urine							
10	Connective tissue, intercellular matrix								
Activit	es	ne and	١	Number	Duration (hour)	Total Work Load (hour)			
Theore	muscle contractions, stimulation and ical contraction of muscle		1	14	2.00	28.00			
	als/Labs		C	)	0.00	0.00			
Self2stu	White muscles implecular mechanism dy and preperation substrate metabolism	n of m in	1	14	2.00	28.00			
Homew			C	)	0.00	0.00			
Project			1	14	2.00	28.00			
Field St			C		0.00	0.00			
	b <b>axae</b> rsstimulation and neurotransmi	ssion			0.00	0.00			
Others	IOGICIAI OVCIVICW OF LODICS		C		0.00	0.00			
	kams		1		6.00	6.00			
	/ork Load		1200	UT		90.00			
	ork load/30 hr		Вv	ori okimva L. Kalavcıoğl	u.B. Serpek.M. Niz	3.00 ramlioğlu. N.			
ECIS	Credit of the Course		Anatomy and Physiology of Farm Animals R.D. Frendson, 2003. Veterinary Pathophysiology (1st edition) Malbert CH., 2003. Veterinary Hematology and Clinical Chemistry, Thrall MA., 2001						
23	Assesment								
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT						
Midtern	n Exam	0	0.00						
Quiz		0	0.00						
Home v	vork-project	0	0.00						
Final E	xam	1	100.00						
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Total 1							100	100.00									
Contribution of Term (Year) Learning Activities to Success Grade							0.0	0.00									
Contribution of Final Exam to Success Grade							100	100.00									
Total								100	100.00								
Measurement and Evaluation Techniques Used in the Course  24 ECTS / WORK LOAD TABLE							the	Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.									
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	Р	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	4		5	4	4	5	1	1	1	1	1	1	1	0	0	0	0
ÖK2	4		4	4	4	5	1	0	1	1	1	1	1	0	0	0	0
ÖK3	5	,	5	3	3	3	1	2	1	1	1	1	1	0	0	0	0
ÖK4	5	,	5	5	5	5	1	1	1	1	1	1	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																	
Contrib 1 very low ution Level:		2	2 low		3	Medi	dium 4 High			5 Very High							