SCIENTIFIC RESEARCH METHODS IN RESEARCH AND PUBLICATION ETHICS

1	Course Title:	SCIENT PUBLIC	IFIC RESEARCH METHODS IN RESEARCH AND ATION ETHICS					
2	Course Code:	VFZ 600	9					
3	Type of Course:	Compuls	sory					
4	Level of Course:	Third Cy	cle					
5	Year of Study:	1						
6	Semester:	1						
7	ECTS Credits Allocated:	2.00						
8	Theoretical (hour/week):	2.00						
9	Practice (hour/week):	0.00						
10	Laboratory (hour/week):	0						
11	Prerequisites:	none						
12	Language:	Turkish						
13	Mode of Delivery:	Face to f	face					
14	Course Coordinator:	Prof. Dr.	NURTEN GALIP					
15	Course Lecturers:	Prof. Dr. Nurten GALİP Prof. Dr. Fahrünisa CENGİZ Prof. Dr. Cenk AYDIN Doç. Dr. Murat YALÇIN Yrd. Doç. Dr. Füsun AK SONAT						
16	Contact information of the Course Coordinator:	nurteng@uludag.edu.tr +90 224 294 1273 Uludağ Üniversitesi Veteriner Fakültesi Fizyoloji AbD Görükle Bursa 16059						
17	Website:	http://ww	w.veteriner.uludag.edu.tr					
18	Objective of the Course:	The gastrointestinal and nutritional physiology of different species. The respiratory, renal physiology, reproductive physiology and nerve and muscle physiology. The cardiovascular physiology. The endocrine system and its regulation. Thermoregulation, and sensory physiology						
19	Contribution of the Course to Professional Development:							
20	Learning Outcomes:							
		1	The gastrointestinal and nutritional physiology of different species					
		2	The cardiovascular physiology					
		3	Special circulations					
		4	The respiratory physiology					
		5	The renal physiology					
		6	Female reproductive physiology					
		7	Male reproductive physiology					

8	The endocrine system and its regulation
9	Sensory physiology
10	Thermoregulation

21	Course Content:											
	Co	urse Content:										
Week	Theoretical	Practice										
1	Introduction to digestive physiology, description of herbivores, omnivores and carnivores terms, prehension, mastication, movements of esophagus, vomiting, salivary secretion, composition of saliva, control of salivary secretion, deglutition, neuronal control of deglution, eructation											
2	Secretory fuction of gastrointestinal tract, functional anatomy of gastric secretion, secretion of HCI, control of gastric acid secretion, phases and inhibition of gastric secretion, liver and pancreas functions, pancreatic exocrine secretion, biliary secretion, motility of small intestine and motor functions of the large intestine.											
3	Digestion in the ruminant stomach, development of the ruminant stomach, sulcus eosophagicus, pervous control, motility of											
Activit	ies	Number	Duration (hour)	Total Work Load (hour)								
Theore	watarbohydrates, gas production, protein	14	4.00	56.00								
Practic	als/Labs	14	2.00	28.00								
Sel <u>í</u> stu	bloestiones, avian digestion,	0	0.00	0.00								
Homew	vorks	0	0.00	0.00								
Project	protein digestion of avian, regulation of	0	0.00	0.00								
Field S	tudies	0	0.00	0.00								
Midterr	Respiration in mammais, inspiration, expiration, pulmonary volumes and	1	15.00	15.00								
Others		2	18.00	36.00								
Final E	carbon dioxide transport, regulation of	1	15.00	15.00								
Total V	Vork Load			165.00								
To fa l w	ศาสตร์มีอุทสุกลาง of kidney, renal			5.00								
ECTS	Credit of the Course			2.00								
	excretion, measurements of renal function, renal transport process for organic compounds, hormonal regulation of renal function, renal responses to changes in pH, fluid, and electrolyte equilibrium, comparative renal physiology, micturition, urine.											
7	Functional anatomy of reproductive organs, spermatogenesis, hormonal control of spermatogenesis, male accessory glands, testicular function, erection and ejaculation, Reproductive hormones, ovarian functions, reproductive cycles, puberty, estrous and menstrual cycles, postpartum ovarian activity, pregnancy, the placenta, parturition											

8	Functional anatomy of cardiovascular properties of myocardial cells, electrophysiology of the heart, cardiovascular system, regulation of t heart, ECG, arterial system, capillary	⁻ system, he system						
9	Control mechanism of the circulatory fetal circulation, liver circulation, splee and skeletal muscle circulation.	system, en, brain						
10	Introduction of endocrine system, hor chemistry, regulation of hormone sec and activity, hypophysis cerebri and hypothalamus hormones and its function	mone retion I tion						
11	Thyroid gland, hormones associated calcium and skeletal hormones, adrei and hormones from other organs.	with nal gland						
12	Endocrine secretion of pancreas, prostaglandins							
13	Poikilothermism and homeothermism hibernation, body temperature, heat b physiological responses to heat and o regulation of body temperature.	, balance, cold,						
14	Somesthetic sensory mechanisms, T and vision, taste, smell and hearing.	he eye						
22	Textbooks, References and/or Other Materials:		 YAMAN, K. Fizyoloji. Ezgi kitabevi, Bursa, 2004. YILMAZ B. Fizyoloji. Medisan Yayınevi, Ankara, 2000. NOYAN A. Fizyoloji Ders Kitabı, Meteksan Yayınevi, Ankara, 1993. GUYTON AC., HALL JE. Tıbbi Fizyoloji Nobel Yayınevi, İstanbul, 2000. CUNNINGHAM JG. Textbook of Veterinary Physiology, Elsevier, USA, 2002 CHURCH DC. Digestive Physiology and nutrition of Ruminants.Metropolitan Printing Co. Portlan, 1976 YILMAZ B. Hormonlar ve üreme fizyolojisi, Medisan Yayınevi, Ankara, 1999. 					
23	Assesment							
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT					
Midterr	n Exam	1	30.00					
<u></u>		4	10.00					

Quiz	1	10.00						
Home work-project	0	0.00						
Final Exam	1	60.00						
Total	3	100.00						
Contribution of Term (Year) Learning Activitie Success Grade	es to	40.00						
Contribution of Final Exam to Success Grade	è	60.00						
Total		100.00						
Measurement and Evaluation Techniques Us Course	ed in the							

24 ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8 PQ9 PQ1 PQ11 PQ12 PQ1 PQ14 PQ15 PQ16 0														
ÖK1	5	4	3	3	4	5	4	4	4	4	4	4	0	0	0	0

ÖK2	5	5	4	4	4	5	5	5	5	5	5	5	0	0	0	0
ÖK3	5	5	4	4	5	5	5	5	5	5	5	5	0	0	0	0
ÖK4	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0
ÖK5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0
ÖK6	5	4	5	5	5	5	5	5	5	5	5	5	0	0	0	0
ÖK7	5	5	4	5	5	5	4	4	5	5	5	5	0	0	0	0
ÖK8	5	5	4	4	5	5	4	4	5	5	5	5	0	0	0	0
ÖK9	5	4	3	3	4	5	4	4	4	4	4	4	0	0	0	0
ÖK10	5	5	4	4	4	5	5	5	5	5	5	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			2 low		3	Medi	um		4 Higl	h		5 Ver	y High	1		