PHYSIOLOGY OF WILD AND ORNAMENTAL ANIMALS

1	Course Title:	PHYSIOLOGY OF WILD AND ORNAMENTAL ANIMALS
2	Course Code:	VET2518
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	1.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. Ögr. Üyesi Füsun AK SONAT
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Füsun AK SONAT fusunak@uludag.edu.tr +90 224 294 1229 Uludağ Üniv. Veteriner Fak. Fizyoloji Anabilim Dalı Bursa Turkey 16059
17	Website:	http://www.veteriner.uludag
18	Objective of the Course:	The teaching of some exotic animals and laboratory animals' physiology at the undergraduate level which may be necessary for veterinary medicine training.
19	Contribution of the Course to Professional Development:	To increase the knowledge and experience of students about wild and ornamental animal physiology.
20	Learning Outcomes:	
	1	Learns the importance of physiology of exotic animals in veterinary medicine.
	2	Morphologically and physiologically recognizes breeds of different species in exotic animals
	3	Structure and functioning of tissues and organs, physiological mechanisms of wild and ornamental animals is know.
	4	Theoretical and practical knowledge makes the clinical practice more successful in terms of exotic animal medicine
	5	Has knowledge about the general physiological characteristics of fishes, amphibians, reptiles, birds and some mammals
	6	Acquires some basic information for training of animals to be trained about the breeding and diseases covered by the course.
	7	The structure, function and behaviour of animals and their physiological and welfare needs
	8	
	9	
	10	
21	Course Content:	

	Course Content:	
Week	Theoretical	Practice
1	The Importance of Exotic Animal Medicine	Technical trip to the zoo and student meetings with the zoo physicians to understand the importance of Exotic Animal Medicine
2	Physiology of fishes	Video demonstration of Fish Physiology
3	Physiology of fishes	Video demonstration of the Physiological characteristics of fish
4	Physiological characteristics of reptiles	Video demonstration of the Physiology of Reptiles
5	Physiological characteristics of reptiles	Video demonstration of the physiological characteristics of reptiles
6	Amphibias and physiology	Video demonstration about the Physiology of Amphibians
7	Amphibias and physiology	Video demonstration of the Physiology of Frogs
8	Physiological characteristics of cage birds	Video demonstration of the physiology of caged birds
9	Physiology of predatory birds	Video demonstration of the physiology of birds of predatory
10	Physiology of predatory birds	Video demonstration of the physiology of birds of predatory
11	Rodents and their physiological properties	Video demonstration of rodent physiology
12	Rodents and their physiological properties	Video demonstration of the physiology of rodents and bears
13	Physiology of other mammals	Technical trip to Karacabey Ovakorusu Bear Shelter Wildlife Rescue and Rehabilitation Center

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	1.00	14.00
Self study and preperation	14	1.00	14.00
Homeworks	1	2.00	2.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	2	10.00	20.00
Final Exams	1	10.00	10.00
Total Work Load			84.00
Total work load/ 30 hr			2.80
ECTS Credit of the Course			3.00

Materials:

Pets.Blackwell Pub, 2003.
2.Exotic animal medicine for the veterinary technician.
Ames,Iowa: Iowa
State Press, 2003.
Cooper. Barcelona:BSAVA , 1991.
4. Laboratory animals. An introduction for experimanters.
1995.
5.Percy, Dean H. Pathology of laboratory rodents & rabbits
Iowa State
University Press, 2001.
Field, Amber L. Sibold, [and] editor Mark A. Suckow. Boca
Raton,
7.Chiasson, Robert B. Laboratory anatomy of the white rat.
Robert B. Chiasson; [illustrated by Robert B.
Chiasson].--5th ed.--
Boston : WCB McGraw-Hill , 1994.
8.The biology of the laboratory rabbit / edited by Patrick J.
Manning, Daniel H. Ringler, Christian E.Newcomer.--2nd
ed.--San
Diego : Academic Press , 1994.
9 The laboratory rat / edited by Georg J. Krinke.--San
Diego, Calif. Academic Press , 2000.

23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00

Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		multiple choice exam

24 ECTS / WORK LOAD TABLE

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	5	4	5	4	5	5	5	4	4	4	5	4	0	0	0	0
ÖK2	5	5	5	5	5	5	5	5	4	5	5	5	0	0	0	0
ÖK3	5	4	5	4	5	3	5	4	4	4	5	4	0	0	0	0
ÖK4	5	4	5	4	5	5	5	4	4	4	5	4	0	0	0	0
ÖK5	5	5	5	5	5	5	5	5	4	4	5	5	0	0	0	0
ÖK6	5	5	5	5	5	5	5	5	4	4	5	5	0	0	0	0
ÖK7	5	5	5	5	5	5	5	5	4	4	5	5	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**