

ANATOMY OF RAT

1	Course Title:	ANATOMY OF RAT
2	Course Code:	VAN6027
3	Type of Course:	Optional
4	Level of Course:	Third Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. Gülsüm EREN
15	Course Lecturers:	Yok/None
16	Contact information of the Course Coordinator:	eren@uludag.edu.tr +902242941227 Uludağ Üniv. Veteriner Fak. Anatomi A.D. A Blok Görükle Kampüsü 16059 BURSA
17	Website:	http://veteriner.uludag.edu.tr/bolumler/TemelB/anatomi.html
18	Objective of the Course:	To teach the basic concepts of systematical anatomy of laboratory animals
19	Contribution of the Course to Professional Development:	The student can use the anatomical knowledge on Rat anatomy within the scope of the field of study she will choose in her Master's and doctoral studies.
20	Learning Outcomes:	
	1	The basic concepts of systematical anatomy of laboratory and exotic animals
	2	The laboratory and exotic animal species in veterinary anatomy and their places in zoological system.
	3	The locomotor system, similarities and differences from mammals and birds of the laboratory and exotic animals
	4	Normal position, shape, structure, natural posture of the viscera, e.g. digestive, respiratory, urinary, genital organs and the relations with neighbor organs of the laboratory and exotic animals, comparatively
	5	Comparative anatomical features of the viscera, e.g. digestive, respiratory, urinary, genital organs and circulatory, nervous, sensory organs of the laboratory and exotic animals
	6	The normal structure and localization of visceral organs, which were used by veterinary practitioners, in clinical examination, operation and exenterations.
	7	
	8	
	9	
	10	
21	Course Content:	

	Course Content:			
Week	Theoretical	Practice		
1	Introduction to Anatomy and general approach to rat anatomy and general terminology	Description of the anatomical directions on skeletons.		
2	Anatomy of the locomotor system of rat (Cartilages and bones – Head, vertebral column and thorax)	Examination of locomotor system on skeletons		
3	Anatomy of the locomotor system of rat (Bones – Limbs) Examination of locomotor system on skeletons	Examination of locomotor system on skeletons		
4	Anatomy of the joints of rats	Examination of joints on skeletons		
5	Anatomy of the muscles of rats	Examination of muscles on cadavers		
6	Anatomy of the digestive rats	Examination of digestive system on cadavers		
7	Anatomy of the respiratory system of rats	Examination of respiratory system on cadavers		
8	Anatomy of the urinary system of rats	Examination of urinary system on cadavers		
9	Anatomy of the female genital organs of rats	Examination of female genital organs on cadavers		
10	Anatomy of the male genital organs of laboratory and exotic animals	Examination of male genital organs on cadavers		
11	Anatomy of the nervous system of rats	Examination of nervous system on cadavers		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study and preperation		14	5.00	70.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		0	0.00	0.00
Others		0	0.00	0.00
Final Exams		1	24.00	24.00
Total Work Load				150.00
Total work load/ 30 hr				5.00
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	
ECTS Credit of the Course				5.00
Midterm Exam		0	0.00	
Quiz		0	0.00	
Home work-project		0	0.00	
Final Exam		1	100.00	
Total		1	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		0.00		
Contribution of Final Exam to Success Grade		100.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.		

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	5	5	5	3	3	2	3	5	5	5	5	0	0	0	0
ÖK2	5	5	5	5	2	2	2	3	5	5	5	5	0	0	0	0
ÖK3	5	5	5	5	2	2	2	3	5	5	5	5	0	0	0	0
ÖK4	5	5	5	5	2	2	5	3	5	5	5	5	0	0	0	0
ÖK5	5	5	5	5	2	2	5	3	5	5	5	5	0	0	0	0
ÖK6	5	5	5	4	2	2	2	3	5	5	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							