

# ANATOMY OF RAT

1	Course Title:	ANATOMY OF RAT
2	Course Code:	VAN 6027
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:	<a href="http://veteriner.uludag.edu.tr/bolumler/TemelB/anatomi.html">http://veteriner.uludag.edu.tr/bolumler/TemelB/anatomi.html</a>
18	Objective of the Course:	To teach the basic concepts of systematical anatomy of laboratory animals
19	Contribution of the Course to Professional Development:	
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.
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21	Course Content:	
	Course Content:	

Week	Theoretical	Practice		
1	Introduction to Anatomy and general approach to laboratory and exotic animals anatomy and general terminology	Description of the anatomical directions on skeletons.		
2	Anatomy of the locomotor system of laboratory and exotic animals (Cartilages and bones – Head, vertebral column and thorax)	Examination of locomotor system on skeletons		
3	Anatomy of the locomotor system of laboratory and exotic animals (Bones – Limbs) Examination of locomotor system on skeletons	Examination of locomotor system on skeletons		
4	Anatomy of the joints of laboratory and exotic animals	Examination of joints on skeletons		
5	Anatomy of the muscles of laboratory and exotic animals	Examination of muscles on cadavers		
6	Anatomy of the digestive system of laboratory animals	Examination of digestive system on cadavers		
7	Anatomy of the respiratory system of laboratory and exotic animals	Examination of respiratory system on cadavers		
8	Anatomy of the urinary system of laboratory and exotic animals	Examination of urinary system on cadavers		
9	Anatomy of the female genital organs of laboratory and exotic animals	Examination of female genital organs on cadavers		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical and exotic animals		14	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study and preparation		14	5.00	70.00
13	Anatomy of the endocrine system of laboratory and exotic animals	Examination of endocrine system on cadavers	5.00	70.00
Homeworks		0	0.00	0.00
14	Anatomy of the sense organs of laboratory and exotic animals	Examination of sense organs on cadavers	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
22	Textbooks, References and/or Other Materials:	Popesko, P., Rajtova, V., Horak, J., 1992, A color Atlas of Anatomy of Small Laboratory Animals. Wolfe Publishing	0.00	0.00
Others		11	4.00	44.00
Final Exams		1	42.00	42.00
Total Work Load				212.00
Total work load/ 30 hr		Calıslar T. 1978 Laboratuvar Havvanları Anatomisi. Fırat		7.07
ECTS Credit of the Course				5.00
		Yavru, N., Yavru, S., 1996, Deney hayvanları, Konya, Selçuk Üniv. Veteriner Fak. Yayınları Ünitesi, Konya		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT	
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																	
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				