

NERVOUS SYSTEM ANATOMY

1	Course Title:	NERVOUS SYSTEM ANATOMY	
2	Course Code:	VAN6004	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	2	
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:	Prof. Dr. AYŞE SERBEST	
15	Course Lecturers:	Yok/None	
16	Contact information of the Course Coordinator:	Prof. Dr. Ayşe SERBEST aserbest@uludag.edu.tr +902242941253 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 basic features of nervous system of the domestic mammals and constant anatomical similarities and differences between them.	
19	Contribution of the Course to Professional Development:	To provide veterinary candidates with practical knowledge in clinical diagnosis and operation practices.	
20	Learning Outcomes:		
		1	Basic features of nervous system of the domestic mammals (horse, cattle, sheep, goat, pig, dog, cat and etc.) and constant anatomical similarities and differences between them
		2	The nervous system, similarities and differences from mammals of the domestic birds
		3	The anatomical features of innervation regions of the nerves and choosing the places for anesthesia
		4	Learning the basic information that can guide in veterinary practice
		5	Establish a connection between anatomical structures and functional relationships
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Nervous system – Definition, structure, development and parts	General exentration of nervous system structures
2	Meninges	Dissection of meninges
3	Systema nervosum centrale – Medulla spinalis	Dissection of spinal cord
4	Encephalon – Structure and parts, Rhombencephalon	Dissection of brain
5	Mesencephalon ve prosencephalon (diencephalon)	Dissection of brain parts
6	Prosencephalon (telencephalon)	Dissection of brain parts
7	Systema nervosum periphericum - Structure and parts	Dissection of peripheral nervous system structures
8	Plexus brachialis	Dissection of plexus brachialis
9	Plexus lumbosacralis	Dissection plexus lumbosacralis
10	Nervi craniales, I.-VI.	Dissection of cranial nerves, I-VI.
11	Nervi craniales, VII.- XII.	Dissection of cranial nerves, VII-XII.
12	Systema nervosum autonomicum - Structure and parts	Dissection of autonomic nervous system structures
13	Systema nervosum sympathicum	Dissection of sympathetic nervous system structures
14	Systema nervosum parasympathicum	Dissection of parasympathic nervous system structures

22	Textbooks, References and/or Other Materials:	1- Dyce, K.M., Sack, W.O., Wensing, C.J.G., 1987. Textbook of Veterinary Anatomy, W.B. Saunders Company, Philadelphia.
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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	4.00	56.00
TERM LEARNING ACTIVITIES			NUMBER	WEIGHT	
Homeworks			0	0.00	0.00
Midterm Exam			0	0.00	0.00
Field Studies			0	0.00	0.00
Homework project			0	0.00	0.00
Others			0	0.00	0.00
Total Exams			1	40.00	40.00
Total Work Load					152.00
Success Grade					5.07
Total work load/ 30 hr					
ECTS Credit of the Course					5.00
Total			100.00		
Measurement and Evaluation Techniques Used in the Course			Written and multiple choice exams.		

24	ECTS / WORK LOAD TABLE
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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	5	4	4	5	5	5	5	5	0	0	0	0
ÖK2	5	5	5	5	5	4	4	5	5	5	5	5	0	0	0	0

ÖK3	5	5	5	5	5	5	4	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
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							