NERVOUS SYSTEM ANATOMY

1	Course Title:	NERVOUS SYSTEM ANATOMY
2	Course Code:	VAN6004
3	Type of Course:	Compulsory
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:	
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 nervousum 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 nervousum 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 nervousum autonomicum - Structure and parts	Dissection of autonomical nervous system structures
13	Systema nervousum sympathicum	Dissection of sympathic nervous system structures
14	Systema nervousum 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. Anatomy of Domestic Animals, Sudz Publishing Dallas.

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
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	40.00	40.00
Total Work Load			152.00
Total work load/ 30 hr			5.07
ECTS Credit of the Course			5.00

23 Assessment

TERM LEARNING ACTIVITIES	NUMBE	WEIGHT
Midterm Exam	0	0.00
Home work project	0	0.00
Total	1	100.00
Success Grade		

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	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**