



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Nerve and Sense Systems							
Course Code		VAN606		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	8	Workload	197 ( <i>Hours</i> )	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		The teaching of organs of Nerve and sense system. The comparative investigation of them in domestic mammals.							
Course Content		General investigation of nerve and sense system system organs. The comparative investigation of them in domestic mammals.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	ÖCAL, M.K., ERDEN, H., ÖĞÜT, İ., KARA, M.E "Evcil memeli hayvanlarda Anatomi (Genel-Deri-Ön Bacak)." Adnan Menderes Üniversitesi Yayınları No: 5 (1998) ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E "Evcil memeli hayvanlarda Anatomi (Gövde)." Adnan Menderes Üniversitesi Yayınları No: 11 (1999) DURSUN, N "Veteriner Anatomi I" Medisan Yayınevi (1996) DURSUN, N "Veteriner Anatomi II" Medisan Yayınevi (1996) DURSUN, N "Veteriner Anatomi III" Medisan Yayınevi (2005) DURSUN, N "Evcil Kuşların Anatomisi" Medisan Yayınevi (2002) BAHADIR, A., YILDIZ, H "Veteriner Anatomi I (Hareket Sistemi)" Ezgi Kitabevi (2004) BAHADIR, A., YILDIZ, H "Veteriner Anatomi II (İç Organlar)" Ezgi Kitabevi (2005) DYCE, KM., SACK, WO., WENSING, CJG "Textbook of Veterinary Anatomy" W.B. Saunders Company (1987) NICKEL, R., SHUMMER, A., SEIFERLE, E "The Anatomy of the Domestic Animals Volume I –IV" Verlag Paul Parey (1986) BUDRAS, KD., WUNSCH, A "Veteriner Anatomi Atlası (Sığır)" Medipres (2009) BUDRAS, KD., FRICKE, W., RICHTER, R "Veteriner Anatomi Atlası (Köpek)" Medipres (2009) BUDRAS, KD., RÖCK, S "Veteriner Anatomi Atlası (At)", Çeviri, Medipres (2009) POPESKO P, "Evcil Hayvanların Topografik Anatomi Atlası" Çeviri, Nobel Tıp Kitabevi (2010)
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Week	Weekly Detailed Course Contents	
1	Theoretical	General knowledge of sense organs
	Practice	Dissection and plastinated specimens
2	Theoretical	Olfactory and gustatory organs
	Practice	Dissection
3	Theoretical	Visual system
	Practice	Dissection
4	Theoretical	Auditory organs
	Practice	Dissection
5	Theoretical	Touch and proprioception
	Practice	Dissection
6	Theoretical	Comparative anatomy of sense organs
	Practice	Dissection
7	Theoretical	homework
	Practice	Dissection
8	Intermediate Exam	midterm exam
9	Theoretical	Organs of nerve system
	Practice	Dissection
10	Theoretical	Central nerve system
	Practice	Dissection
11	Theoretical	Brain
	Practice	Dissection
12	Theoretical	Spine



12	Practice	Dissection
13	Theoretical	Peripheral nerve system
	Practice	Dissection
14	Theoretical	Comparative anatomy
	Practice	Dissection
15	Theoretical	homework
	Practice	Dissection
16	Final Exam	final

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	1	42
Lecture - Practice	28	2	1	84
Assignment	2	6	1	14
Individual Work	10	1	1	20
Midterm Examination	1	15	1	16
Final Examination	1	20	1	21
Total Workload (Hours)				197
[Total Workload (Hours) / 25*] = ECTS				8

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	to have knowledge about the anatomy of sensory organs
2	learning the differences of sensory organs between animal species
3	To have knowledge about peripheral nervous system, plexus brachialis and plexus lumbosacralis
4	To have knowledge about nervous system organs, central nervous system, brain, medulla spinalis
5	To know the basic differences of nervous system in domestic mammals

### Programme Outcomes (Anatomy (Veterinary Medicine) Doctorate)

1	Doing research in any specific issues related to anatomy, planning a study, evaluating and presenting a report on the scientific area, independently.
2	To be able to improve themselves by innovations of the Anatomy
3	Sharing their concepts in seminar, symposium, conference etc. by using the skills of self study.
4	Having the scientific and vocational wafer and defending this apprehension in every medium
5	To be able to interpret what they have learned in the field of veterinary anatomy

### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	3	4	4	5	5
P3	4	5	5	5	5
P4	5	5	5	5	5

