AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Anatomy of Ear Region								
Course Code	VAN623		Couse Level		Third Cycle (Doctorate Degree)				
ECTS Credit	7	Workload	174 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	Course Objectives The teaching of anatomical structures of ear region. The comparative investigation of them in domestic mammals.								
Course Content	anatomical structures of ear region								
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	DYCE, KM., SACK, WO., WENSING, CJG " Textbook of Veterinary Anatomy" W.B. Saunders Company (2006) Liebich HG, König HE (Ed). Veteriner Anatomy of Domestic Mammals. 3rd Ed. New York, Schattauer 2007. p. 225-227. NICKEL, R., SHUMMER, A., SEIFERLE, E "The Anatomy of the Domestic Animals Volume I –IV)" Verlag Paul Parey (1986) ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E "Evcil memeli hayvanlarda Anatomi (Gövde)." Adnan Menderes Üniversitesi Yayınları No: 11 (1999) 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 II (İç Organlar)" Ezgi Kitabevi (2005) BUDRAS, KD., WUNSCHE, 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 Kitapevi (2010)

Week	Weekly Detailed Course Contents	
1	Theoretical	Subjects Auris externa (Auricula, meatus acusticus externus)
	Practice	cadaver
2	Theoretical	Auris externa (Scutulum, muscles)
	Practice	cadaver
3	Theoretical	Membrana tympani
	Practice	cadaver
4	Theoretical	Auris media (Cavum tympani, Ossicula auditus)
	Practice	cadaver
5	Theoretical	Auris media (Musculi ossicularum auditis)
	Practice	cadaver
6	Theoretical	Auris media (Tuba auditiva-Diverticulum tubae auditivae)
	Practice	cadaver
7	Theoretical	homework
	Practice	cadaver
8	Intermediate Exam	Midterm exam

9	Theoretical	Auris interna (Labyrinthus osseus: Vestibulum, Canales semicirculares ossei)
	Practice	cadaver
10	Theoretical	Auris interna (Labyrinthus osseus: Cochlea, Meatus acusticus internus)
	Practice	cadaver
11	Theoretical	Auris interna (Labyrinthus membranaceus: Utriculus, Sacculus, Ductus semicirculares)
	Practice	cadaver
12	Theoretical	Auris interna (Labyrinthus membranaceus:Ductus cochlearis, Organum spirale)
	Practice	cadaver
13	Theoretical	Vessels and nerves
	Practice	cadaver
14	Theoretical	Sense of hearing
15	Theoretical	homework
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	16	0	1	16
Lecture - Practice	16	2	2	64
Reading	9	0	8	72
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
			Total Workload (Hours)	174
			[Total Workload (Hours) / 25*] = **ECTS**	7

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	Learning of the functional anatomy of ear
2	Learning of the comparative morphology of the ear
3	have knowledge about the nerves and vessels of the ear
4	have information about parts of the ear
5	to have information about the formation of hearing

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	4	5	5
P2	5	5	5	5	5
P3	5	5	4	5	5
P4	5	5	5	5	5