



**AYDIN ADNAN MENDERES UNIVERSITY**  
**GRADUATE SCHOOL OF HEALTH SCIENCES**  
**VETERINARY ANATOMY**  
**ANATOMY (VETERINARY)**  
**ANATOMY (VETERINARY) MASTER**  
**COURSE INFORMATION FORM**

Course Title	Body Regions III: Thorax								
Course Code	VAN523		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	6	Workload	150 (Hours)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	Topographic and comparative review of anatomical structures of the thorax in domestic mammals.								
Course Content	Topographic review of anatomical structures of regio presternalis, sternalis, mammae thoracica, scapularis, costalis and cardiaca in domestic mammals. Pleura and mediastinum differences of these regions in domestic mammals.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Prof. Hasan ERDEN								

#### 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 "Anatomy of the Domestic Animals (General-Skin-Forelimb)." Adnan Menderes University Press No: 5 (1998)
2	ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E "Anatomy of the Domestic Animals (Trunk)." Adnan Menderes University Press No: 11 (1999)
3	DURSUN, N "Veterinary Anatomy I" Medisan Press (1996)
4	DURSUN, N "Veterinary Anatomy II" Medisan Press (1996)
5	DURSUN, N "Veterinary Anatomy III" Medisan Press (2005)
6	DURSUN, N "Anatomy of the Domestic Birds" Medisan Press (2002)
7	BAHADIR, A., YILDIZ, H "Veterinary Anatomy I (Locomotion System)" Ezgi Press (2004)
8	BAHADIR, A., YILDIZ, H "Veterinary Anatomy II (Organs)" Ezgi Press (2005)
9	DYCE, KM., SACK, WO., WENSING, CJG "Textbook of Veterinary Anatomy" W.B. Saunders Company (1987)
10	NICKEL, R., SHUMMER, A., SEIFERLE, E "The Anatomy of the Domestic Animals Volume I-IV" Verlag Paul Parey (1986)
11	BUDRAS, KD., WUNSCH, A "Atlas of Veterinary Anatomy (Cattle)" Medipres (2009)
12	BUDRAS, KD., FRICKE, W., RICHTER, R "Atlas of Veterinary Anatomy (Dog)" Medipres (2009)
13	BUDRAS, KD., RÖCK, S "Atlas of Veterinary Anatomy (Horse)", Translation, Medipres (2009)
14	POPESKO P, "Topographic Anatomy Atlas of the Domestic Animals" Translation, Nobel Tip Press (2010)

Week	Weekly Detailed Course Contents	
1	Theoretical	Relationship between the shape of the function with the chest
	Practice	Examination of the shape of the chest in cadavers
2	Theoretical	Superficial formations in the chest
	Practice	Investigation of the superficial structures of thorax in cadavers.
3	Theoretical	Chest and pleura
	Practice	Investigation of thorax
4	Theoretical	Lung
	Practice	Anatomical structures of lungs and differences of species
5	Theoretical	Mediastinum craniale
	Practice	Dissection of mediastinum craniale
6	Theoretical	Mediastinum medium
	Practice	Dissection of mediastinum medium
7	Theoretical	Mediastinum caudale
	Practice	Dissection of mediastinum caudale
8	Intermediate Exam	Midterm



9	Theoretical	Heart 1
	Practice	Examination of the position and the external formation of the heart
10	Theoretical	Heart 2
	Practice	Dissection of the incoming and outgoing vessels to the heart
11	Theoretical	Esophagus and trachea
	Practice	To learn the course of these structures in the chest cavity
12	Theoretical	Arteries and veins of thorax
	Practice	Dissection of arteries and veins
13	Theoretical	Nerves of thorax
	Practice	Dissection of nerves
14	Theoretical	Lymph nodes of thorax
	Practice	Dissection of lymph nodes
15	Theoretical	Radiography of thorax
	Practice	Radiographic investigations
16	Theoretical	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Laboratory	7	0	3	21
Reading	1	0	56	56
Midterm Examination	1	12	1	13
Final Examination	1	17	1	18
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To have knowledge of topographical anatomy of the thorax.
2	Determine the status of the normal or abnormal of the thorax structures
3	Obtain to adequate anatomical information for any surgical attempt to in the chest.
4	to be able to be have knowledge Mediastinum
5	to be able to be have knowledge Artery, vena, nerve and lymph nodes in the thoracic cavity

### Programme Outcomes (*Anatomy (Veterinary) Master*)

1	Having the anatomical knowledge of all compendium animals especially, knowing the structures and physiological mechanisms
2	knowing to stages of a scientific research.
3	To be able to improve themselves by innovations of the Anatomy
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	4	4	5	5	5
P2	3	5	5	5	5
P3	5	4	4	5	5
P4	5	5	4	5	5

