



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

Course Title	Body Regions V: Forelimb and Hindlimb								
Course Code	VAN525		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 forelimb and hindlimb in domestic mammals.								
Course Content	Regio articulationis humeri, axilla, regio brachii, regio tricipitalis, regio cubiti, regio olecrani, regio antibrachii, regio carpi, regio metacarpi, regio metacarpophalangea, regio phalangea, regio articulationis coxae, regio femoris, regio genus, regio poplitea, regio cruris, regio tendinis calcanei communis, regio tarsi, regio calcanea, regio metatarsi, regio metatarsophalangea'de bulunan oluşumların topografik olarak incelenmesi. Evcil memeli hayvanlardaki farklılıklarının belirtilmesi.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Prof. Erkut TURAN								

#### 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 Anatomi 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	Scapula, os coxae
	Practice	Skeletons, anatomical model application
2	Theoretical	Humerus, femur, patella
	Practice	Skeletons, anatomical model application
3	Theoretical	Antebrachium, ossa cururis
	Practice	Skeletons, anatomical model application
4	Theoretical	Ossa carpi, ossa tarsi
	Practice	Skeletons, anatomical model application
5	Theoretical	Metacarpus, phalanges, metatarsus phalanges
	Practice	Skeletons, anatomical model application
6	Theoretical	Muscles of fore and hindlimbs
	Practice	Skeletons, anatomical model application



7	Theoretical	Homework discussion-1
	Practice	Skeletons, anatomical model application
8	Intermediate Exam	Midterm
9	Theoretical	Muscles of fore and hindlimbs
	Practice	Anatomical model application, Cadaver dissection
10	Theoretical	Vessels of fore and hindlimbs
	Practice	Anatomical model application, Cadaver dissection
11	Theoretical	Vessels of fore and hindlimbs
	Practice	Anatomical model application, Cadaver dissection
12	Theoretical	Nerves of fore and hindlimbs
	Practice	Anatomical model application, Cadaver dissection
13	Theoretical	Nerves of fore and hindlimbs
	Practice	Anatomical model application, Cadaver dissection
14	Theoretical	Topographic anatomy of the fore and hindlimbs
	Practice	Anatomical model application, Cadaver dissection
15	Theoretical	Homework discussion-2
	Practice	Anatomical model application, Cadaver dissection
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	2	0	12	24
Reading	1	56	0	56
Midterm Examination	1	12	1	13
Final Examination	1	14	1	15
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 forelimb and hindlimb.
2	To learn the normal anatomical structures and functional relationships with each other on these structures in the fore and hindlimbs in practice.
3	To learn the anatomical differences between animal species.
4	To have information about front and back leg bones and muscles
5	To have knowledge about anterior and posterior artery, vena, nerves

### 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	5	5	3	5
P2	4	5	5	4	5
P3	5	4	4	5	5
P4	5	5	5	4	5

