



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

Course Title	Radiological Anatomy								
Course Code	VAN536		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	The aim of this study is to examine the normal anatomical structures in the images obtained by imaging methods such as X-ray, ultrasonography, computed tomography and magnetic resonance.								
Course Content	X-ray, ultrasonography, computed tomography, magnetic resonance images obtained from healthy domestic mammals.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Lec. Figen SEVİL KİLİMCİ								

#### Assessment Methods and Criteria

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

#### Recommended or Required Reading

1	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)
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Week	Weekly Detailed Course Contents	
1	Theoretical	X-ray, computed tomography, magnetic resonance images of the head
	Practice	examination of images
2	Theoretical	X-ray, computed tomography, magnetic resonance images of the head
	Practice	examination of the head region images
3	Theoretical	X-ray, computed tomography, magnetic resonance images of the neck structures
	Practice	examination of neck region images
4	Theoretical	The organs of the thoracic cavity x-ray, computed tomography, magnetic resonance images
	Practice	The organs of the thoracic cavity image
5	Theoretical	The organs of the thoracic cavity x-ray, computed tomography, magnetic resonance images
	Practice	The organs of the thoracic cavity image
6	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of abdominal cavity organs
	Practice	abdominal cavity images
7	Theoretical	Homework discussion
	Practice	Midterm Exam
8	Intermediate Exam	midterm exam



9	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of abdominal cavity organs
	Practice	abdominal cavity images
10	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of pelvic cavity organs
	Practice	pelvis cavity images
11	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of pelvic cavity organs
	Practice	pelvis cavity images
12	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of extremities
	Practice	limb images
13	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of extremities
	Practice	limb images
14	Theoretical	Ultrasonography, X-ray, computed tomography, magnetic resonance images of extremities
	Practice	limb images
15	Theoretical	Homework discussion
	Practice	Homework discussion
16	Practice	Final Exam
	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	1	0	14	14
Lecture - Practice	2	0	14	28
Midterm Examination	1	2	1	3
Final Examination	1	4	1	5
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	have information on the images of the head region
2	to have information on chest cavity images
3	to have information in the neck region images
4	have knowledge of pelvic cavity images
5	to have information on extremity images

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

