



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

Course Title	Study of Bones From Archaeological Sites								
Course Code	VAN538		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	Age determination, sexing and differentiation of animal bones from archaeological sites								
Course Content	Age determination, sexing and differentiation of animal bones from archaeological sites								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)									

#### 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	Provide information about resources and course related to the functioning of Zooarkeloji
	Practice	archaeological examine the bones
2	Theoretical	Examination of the bones of the excavation
	Practice	archaeological examine the bones
3	Theoretical	General anatomical features of the bones of the carnivor's and livestock's skull
	Practice	archaeological examine the bones
4	Theoretical	General anatomical features of the bones of the carnivor's and livestock's skull
	Practice	archaeological examine the bones
5	Theoretical	General anatomical features of the vertebrae of the carnivor and livestock
	Practice	archaeological examine the bones
6	Theoretical	General anatomical features of the vertebrae of the carnivor and livestock
	Practice	archaeological examine the bones
7	Theoretical	General anatomical features of the chest bones of the carnivor and livestock
	Practice	archaeological examine the bones
8	Practice	Midterm exam
	Intermediate Exam	Midterm exam
9	Theoretical	General anatomical features of the forelimb bones of the carnivor and livestock
	Practice	archaeological examine the bones



10	Theoretical	General anatomical features of the forelimb bones of the carnivor and livestock
	Practice	archaeological examine the bones
11	Theoretical	General anatomical features of the pelviciimb bones of the carnivor and livestock
	Practice	archaeological examine the bones
12	Theoretical	General anatomical features of the pelviciimb bones of the carnivor and livestock
	Practice	archaeological examine the bones
13	Theoretical	General anatomical features of the finger bones of the carnivor and livestock
	Practice	archaeological examine the bones
14	Theoretical	Interpretation of processed bone materials
	Practice	archaeological examine the bones
15	Theoretical	Discussion of homework
	Practice	Discussion of homework
16	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	4	0	4
Final Examination	1	4	0	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	have knowledge about archeological bone history
2	to have knowledge about farm animals and carnivor excavation bones
3	examination of processed bones
4	interpretation of excavation bones
5	interpretation of bones originating from certain regions in farm animals and carnivores

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

1	Having the anatomical knowledge of all compendium animals especially, knowing the structures and physiological mechanizms
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	3	5	5	4
P2	4	4	4	4	5
P3	5	5	5	5	4
P4	4	4	4	4	5

