AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Basic Morphometrical Methods								
Course Code	VAN537		Couse Level		Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	52 *(Hours)*	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	Basic morphometric methods and their evaluations with micrometer, micrometric oculer and some softwares.								
Course Content	Basic morphometric methods and their evaluations with micrometer, micrometric oculer and some softwares.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Prof. Mehmet Erkut KARA								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Assignment	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., WUNSCHE, 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 Tıp Press (2010)

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomical studies measure what and why?
	Practice	laboratory study
2	Theoretical	General macroscopic mensuration methods in anatomical research
	Practice	laboratory study
3	Theoretical	General subgros mensuration methods in anatomical research
	Practice	Laboratory study
4	Theoretical	Issues must be considered in taking reliable and reproducible measurement
	Practice	Laboratory study
5	Theoretical	Measurement methods used in the soft organs and tissues
	Practice	Laboratory study
6	Theoretical	Measurement methods used in the soft organs and tissues
	Practice	Laboratory study
7	Theoretical	Measurement methods used to bone
	Practice	Laboratory Study
8	Intermediate Exam	Midterm
9	Theoretical	Measurement methods used to bone
	Practice	Laboratory study
10	Theoretical	Measurement methods used to bone
11	Theoretical	Made the general statistical evaluation of data received
	Practice	Laboratory study

12	Theoretical	Made the general statistical evaluation of data received
	Practice	Laboratory study
13	Theoretical	Made the general statistical evaluation of data received
	Practice	Laboratory study
14	Theoretical	Made the general statistical evaluation of data received
	Practice	Laboratory study
15	Theoretical	homework discussion
	Practice	Laboratory study
16	Theoretical	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Midterm Examination	1	3	1	4
Final Examination	1	5	1	6
			Total Workload (Hours)	52
			[Total Workload (Hours) / 25*] = **ECTS**	2

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	know measurement devices in anatomical studies
2	know what to measure in soft tissue.
3	know what to measure in bone tissues.
4	evaluate the received data statistically.
5	know what should be done in reliable measurements.

Programme Outcomes *(Anatomy (Veterinary Medicine) 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	5	4	5	4
P2	5	4	5	4	5
P3	5	3	4	5	4
P4	5	4	3	4	5