



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

Course Title	Anatomy of Laboratory Animals								
Course Code	VAN530		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	Gross anatomical knowledge of ferrets, rabbits and rodents. Differences of their systems. Dissection of some laboratory animals.								
Course Content	Gross anatomical knowledge of ferrets, rabbits and rodents. Differences of their systems. Dissection of some laboratory animals.								
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
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	Introduction of laboratory animals
	Practice	introduction of experimental animals unit
2	Theoretical	Anatomy of Rat
	Practice	examination of rat skeleton
3	Theoretical	Anatomy of Rat
	Practice	examination of rat cadavers
4	Theoretical	Anatomy of Rat
	Practice	examination of rat skeleton
5	Theoretical	Anatomy of Mouse
	Practice	examination of mouse anatomy
6	Theoretical	Anatomy of Gerbil
	Practice	examination of gerbil anatomy
7	Theoretical	Anatomy of Hamster
	Practice	examination of hamster anatomy
8	Intermediate Exam	midterm exam
9	Theoretical	anatomy of rabbit
	Practice	examination of rabbit's anatomy
10	Theoretical	anatomy of rabbit
	Practice	examination of rabbit anatomy
11	Theoretical	anatomy of rabbit
	Practice	examination of rabbit anatomy



12	Theoretical	Anatomy of guinea pigs
	Practice	examination of guinea pigs anatomy
13	Theoretical	Anatomy of chinchilla
	Practice	examination of chinchilla anatomy
14	Theoretical	Anatomy of Poppy
	Practice	examination of poppy anatomy
15	Theoretical	Discussion of Homework
16	Practice	Final Exam
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	5	1	1	10
Lecture - Practice	5	1	1	10
Midterm Examination	1	5	1	6
Final Examination	1	23	1	24
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To learn rat anatomy
2	to learn mouse anatomy
3	to learn rabbit anatomy
4	To learn gerbil, hamster, guinea pig and chinchilla anatomy
5	recognize laboratory animals

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

