



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Anatomy of Fish								
Course Code	VAN531		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	In fish, systema locomotorium, systema digestorium, systema respiratorium, systema urogenitalis, systema nervosum, systema vasorum ve aesthesiologia. . Examination of fish cadavers.								
Course Content	In fish, Systema locomotorium, Systema digestorium, Systema respiratorium, Systema urogenitalis, nervosum, Systema aesthesiologia and Systema vasorum. In these systems, organ and composition of the poultry and domesticated mammals found in the same organs and their differences in formations. Examination of fish cadavers.								
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 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)
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Week	Weekly Detailed Course Contents	
1	Theoretical	In fish, systema locomotorium and comparative study the organs consist of this system
	Practice	examination of fish skeletons
2	Theoretical	In fish, systema locomotorium and comparative study the organs consist of this system
	Practice	examination of fish skeletons
3	Theoretical	In fish, systema digestorium and comparative study the organs consist of this system
	Practice	examination of fish skeletons
4	Theoretical	In fish, systema I digestorium and comparative study the organs consist of this system
	Practice	anatomical examination of fish
5	Theoretical	In fish, systema respiratorium and comparative study the organs consist of this system
	Practice	examination of fish anatomy
6	Theoretical	In fish, systema respiratorium and comparative study the organs consist of this system
	Practice	thorax examination of fish
7	Theoretical	Discussion of homework
8	Practice	Midterm Exam
	Intermediate Exam	Midterm Exam
9	Theoretical	In fish, systema urogenitalis and comparative study the organs consist of this system
	Practice	examination of fish urogenital organs
10	Theoretical	In fish, systema urogenitalis and comparative study the organs consist of this system
	Practice	examination of fish urogenital organs
11	Theoretical	In fish, systema nervosum and comparative study the organs consist of this system
	Practice	examination of fish cadavers



12	Theoretical	In fish, systema vasorum and comparative study the organs consist of this system
	Practice	examination of fish cadavers
13	Theoretical	In fish, aesthesiologia and comparative study the organs consist of this content
	Practice	examination of fish cadavers
14	Theoretical	In fish, aesthesiologia and comparative study the organs consist of this content
	Practice	examination of fish cadavers
15	Theoretical	discussion of homework
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	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	to have information about fish systems
2	to have knowledge about dissection in fish
3	to have information about the comparison of fish and other animals
4	to have knowledge about general anatomy of fish
5	learn the status of organs in a normal fish

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

