



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

Course Title	Poultry Physiology								
Course Code	VFZ529	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	4	Workload	100 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To comprehend of the basic principles of all systems of poultry								
Course Content	The importance of physiological characteristics of poultry and poultry physiology in management								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study, Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	38
Final Examination	1	60
Quiz	4	1
Term Assignment	1	1

Recommended or Required Reading

1	Harvey J.W. (2001). Atlas of Veterinary Hematology. W.B. Saunders Company
2	Weiss D.J., Wardrop J. (2010). Schalm's Veterinary Hematology. 6th Ed. Blackwell Publishing Ltd.
3	G.C. Whittow et al. (1998). Sturke's Avian Physiology

Week	Weekly Detailed Course Contents	
1	Theoretical	Sensory physiology in avian species
2	Theoretical	Digestive physiology in avian species
3	Theoretical	Circulatory physiology in avian species
4	Theoretical	Respiratory physiology in avian species -I
5	Theoretical	Respiratory physiology in avian species -II
6	Theoretical	Endocrine physiology in avian species
7	Theoretical	Immune system in avian species
8	Theoretical	Midterm
9	Theoretical	Kanatlı hayvanlarda termoregülasyon-I
10	Theoretical	Thermoregulation in avian species -II
11	Theoretical	Hematology in avian species -I
12	Theoretical	Hematology in avian species -II
13	Theoretical	Physiological assessment of vitamin and mineral deficiencies that can be seen in poultry
14	Theoretical	Presentations (about migration)
15	Theoretical	Presentations (about respiration)

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	2	2	1	6
Term Project	1	10	1	11
Quiz	4	2	1	12
Midterm Examination	1	9	1	10



Final Examination	1	18	1	19
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = ECTS	4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To have knowledge about nervous system of poultry
2	To have knowledge about muscle and sensory systems
3	To have knowledge about respiratory and circulatory systems
4	To have knowledge about digestive and reproductive systems
5	To gain ability usability of avian hematology in veterinary practice
6	To have knowledge about bird migration mechanisms

Programme Outcomes (Physiology (Veterinary) Master)

1	Understands and defines the interdisciplinary interaction with the associated fields
2	Uses theoretical and practical information learned in the education
3	Creates solution proposals by using background education
4	Combines and interprets the information from different disciplines, and creates solution proposals and scientific information to contribute the solution process, when needed
5	Involves in professional organizations and institutions related with the educational background
6	Takes responsibility for individual and group work, and do the assignments in line with the skills
7	Communicates with the professionals out of the field when it is necessary, and contributes to the solution as a team member
8	Understands the production and publishing methods of scientific information
9	Determines the source and the type of information that is needed related with the field and chooses the activities that s/he wants to participate, by using his/her critical thinking abilities that is developed in the education
10	Excels technological devices both for professional and social purposes
11	Compiles any kind of data related with the field (field observations, produced scientific information etc.) and analyzes and interprets the results according to the aims of the research
12	Determines the environmental health rules and applies them for prevention
13	Applies the knowledge gained in professional level with the awareness of the needs of the region and the country, and develops a defense capability
14	Conceptualizes the phenomena and the events related with the field, studies scientific methods and techniques, interprets results; analyzes and hypothesizes methods in accordance with the results and designs solution or treatment alternatives addressing the problems
15	Follows up the updates of information in the field by using all kinds of sources (scientific information, legislations etc.), and uses when needed

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5	L6
P1	2	2	2	2	2	2
P2	2	2	2	2	2	2
P3	2	2	2	2	2	2
P4	2	2	2	2	2	2
P5	4	4	4	4	4	4
P6	1	1	1	1	1	1
P7	1	1	1	2	2	2
P8	2	2	2	2	2	2
P9	2	2	2	2	2	2
P10	1	1	1	1	1	1
P11	4	4	4	4	4	4
P12	1	1	1	1	1	1
P13	4	4	4	4	4	4
P14	1	1	1	1	1	1
P15	3	3	3	3	3	3

