

INTRODUCTION TO POULTRY DIGESTIVE SYSTEM

1	Course Title:	INTRODUCTION TO POULTRY DIGESTIVE SYSTEM
2	Course Code:	VFZ5017
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Cenk Aydın
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Bursa Uludağ Üniversitesi Veteriner Fakültesi Fizyoloji Anabilim Dalı 16059 Nilüfer Bursa eposta: caydin@uludag.edu.tr tel:+90(224) 294-1274
17	Website:	
18	Objective of the Course:	To give information to the student about the introduction and functions of the digestive system in poultry. The goal is for the student to learn about the poultry digestive system in general.
19	Contribution of the Course to Professional Development:	To gain scientific competence about the digestive system physiology of poultry.
20	Learning Outcomes:	
	1	To be able to define the morphology of the digestive tract in poultry
	2	To be able to explain the movements of the digestive system
	3	To be able to define secretion and digestion.
	4	To be able to explain bowel, pancreas and bile functions.
	5	To be able to describe the passage of food through the digestive tract
	6	To be able to explain the absorption of nutrients.
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Anatomy of the digestive tract in poultry	
2	Regulation of food intake	

3	Swallowing, esophagus and crop movements	
4	Proventriculus movements and secretions	
5	Ileum, colon and secum movements	
6	Digestion in the poultry intestine.	
7	Proventriculus secretion	
8	Intestine, bile and pancreatic secretions	
9	Intestine, bile and pancreatic secretions	
10	Regulation of movement and secretion	
11	The effect of intestinal microflora on food	
12	Absorption of proteins and fats in poultry	
13	Absorption of carbohydrates in poultry	
14	Comparison of digestive organs of poultry and digestive organs of mammals	

22	Textbooks, References and/or Other Materials:	1- Frandso RD, Wilkw WL, Fails AD, Anatomy and Physiology of Farm Animals 7th Edition, USA, 2009. 2- Swenson, M. J. Duke's Physiology of Domestic Animals, 10. Ed. Cornell University, Press, Ithaca New York, 1984. 3- Bell D.J., Freeman B.M, Physiology and biochemistry of the domestic fowl, Academic Press, London, 1971. 4- Deane W.O., Veteriner fizyoloji Dukes (Çeviri)
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Activites		Number	Duration (hour)	Total Work Load (hour)
23	Assesment	14	1.00	14.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		0	20.00	20.00
Homeworks		1	25.00	25.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1	0.00	0.00
Total		100.00		
Others		0	0.00	0.00
Surveys Grade		1	1.00	1.00
Total Work Load				60.00
Total work load/ 30 hr		100.00		2.00
ECTS Credit of the Course				2.00

Course		
24	ECTS / WORK LOAD TABLE	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	4	1	4	1	2	3	2	3	4	5	5	0	0	0	0
ÖK2	4	5	4	3	5	3	4	3	4	0	4	4	0	0	0	0
ÖK3	4	5	3	3	3	4	5	4	4	5	4	2	0	0	0	0

ÖK4	3	4	4	5	3	5	3	4	2	4	4	5	0	0	0	0
ÖK5	3	5	4	5	4	3	5	5	2	5	4	3	0	0	0	0
ÖK6	4	5	3	4	5	0	4	3	5	0	3	4	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			