



NEAR EAST UNIVERSITY
Faculty of Veterinary Medicine Course Curriculum

1.	Course Name	ANIMAL NUTRITION AND NUTRITIONAL DISEASES
2.	Course Code	VTE308
3.	Course Type	Compulsory
4.	Course Level	Undergraduate
5.	Year	3
6.	Semester	Spring, 6VET
7.	ECTS Credits	4
8.	National credits	3
9.	Theoretical Course Hours (hours/week)	2h/week
10.	Practical Course Hours (hours/week)	2h/week
11.	Course Prerequisites	None
12.	Other Topics Recommended for the Course	None
13.	Course Language	English
14.	Course Format	Face-to-face
15.	Course Coordinator	Dr. Necat AKMAL
16.	Other Lecturers that Give the Course	Dr. Toner KORKMAZHAN
17.	Communication Details of the Coordinator	necat.akmal@neu.edu.tr; toner.korkmazhan@neu.edu.tr
18.	Course Web Address	https://veterinary.neu.edu.tr/wp-content/uploads/sites/106/2021/09/14/2021-2022-Gu%CC%88z-Yariyili-3.-Sinif-Ders-Programi-TU%CC%88RKC%CC%A7E-v2.pdf?ver=c86e3962f3a8cb810f8bf9a057e876ed
19.	Course Aim	To explain/teach the specified terminology To develop the student existing knowledge on specified terms/terminology/topics To review the student existing knowledge on specified terms/terminology/topics

20.	Contribution of the Course to Occupational Development	It will contribute to how to feed the animals in the field professionally as well as the treatment of diseases that will be encountered in relation to nutritional problems.
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21.	Course Learning Outcomes	LO1	Will be able to understand the related terms/terminology
		LO2	Will be able to discuss the validity of the related terms/terminology
		LO3	Will be able to independently carry out a given work
		LO4	Will be able to work as a group on a work given
		LO5	Will appreciate the value of learning
		LO6	Preparation for presentation(s)

22.	Course Content	WEEK	THEORETICAL COURSE CONTENT	PRACTICAL CONTENT
		1.	Feeding dairy cattle	Feed selection
		2.	Feeding beef cattle	Specifying needs
		3.	Sheep-goat feeding	Introduction to ration preparation
		4.	Cattle, livestock, sheep and goat Nutritional diseases	Ration preparation methods
		5.	Horse nutrition and nutritional diseases	Pearson Square method
		6.	Feeding of laying hens	Equation method with two variables
		7.	Feeding of broilers	Protein determination and calculation
		8.	Goose and turkey feeding	Fat determination and calculation
		9.	Feeding of quails	Determination and calculation of raw ash
		10.	Care of poultry breeds	Determination and calculation of cellulose
		11.	Nutritional diseases of poultry	Dry matter determination and calculation
		12.	Dog and cat feeding	Calculation of ADF, NDF and ADL
		13.	Dog and cat feeding diseases	Urea analysis
		14.	Organic livestock	Aflatoxin analysis
23.	Course Book, References and/or Other Resources	Ankara University Feeds, Feed Hygiene and Technology Book		

24.	Evaluation	SEMESTER WORK	NUMBER	PERCENTAGE OF CONTRIBUTION
		Midterm Exam	1	40
		Short Exam		
		Homework, Performance		
		End of Year Exam	1	60
		Total	2	100
		Evaluation Approaches	Exams consist of multiple choice and classic questions	

25.	ECTS / Workload Table	Activity	NUMBER	Duration [Hours]	Total Workload [Hours]
		Theoretical Courses	14	2	28
		Practical Courses	14	2	28
		Extracurricular Lesson Study Time (Preparation, revising)	14	3	42
		Homework, Performance			
		Projects			
		Field Studies	5	4	20
		Midterm Exams	1	1	1
		Other			
		End of Semester Exams	1	1	1
		Total Workload			120
		Total Workload/ 30 Hours			120/30
		Course ECTS Credits			4