



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Legislation of Commercial Feeds							
Course Code		VHB634		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	96 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		<p>Preparation of feeds for enhancing productive performance of animals. Providing rational feeding to animals. Production, export, import delivering, selling procedures of feeds regulated by legal legislations. Chemical composition of feeds must be required according to it specifications.</p> <p>Teaching basic legal legislations about feeds.</p> <p>Giving information about the legal legislations in Turkey and Europe.</p> <p>Giving information about compounds giving harml to animal health.</p> <p>Raising experts knowing mistakes and their correction in feed production and feeding.</p> <p>Giving information about feed production and marketing.</p> <p>Technical and economical mistakes occurred in feed factories.</p> <p>Easy providing of feeds with balanced prices and constant norms and standards.</p>							
Course Content		<p>Basic terms about feed legislation. Legal legislations on feeds used in animal nutrition. Recent status legal legislations on feeds used in Turkey.</p> <p>Recent status legal legislations on feeds used in European countries. Legal legislations on antinutritional compounds detrimental to animal health and nutrition. Recommendations to producers for preventing mistakes in animal and feed production</p>							
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	30
Final Examination	1	60
Assignment	4	10

Recommended or Required Reading

1	Tarım ve Köy İşleri Bakanlığı Koruma ve Kontrol Genel Müdürlüğü (2011) Yem Yönetmeliği, Erişim: http://www.kkgm.gov.tr/yonetmelik/yem.html
2	Coşkun, B., Şeker, E., İnal, F. (2000) Yemler ve Teknolojisi, Selçuk Üniversitesi Veteriner Fakültesi Yayın Ünitesi, Konya.
3	Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004) Yemler, Yem Hijyeni ve Teknolojisi, Pozitif Matbaacılık, Ankara.
4	Kellerns, R.O., Church, D.C. (2002) Livestock Feeds and Feeding, Prentice Hall, New Jersey.
5	Sauvant, D., Perez, J.M., Tran, G. (2004) Tables of Composition and Nutritional Value of Feed Materials, INRA Editions, Wageningen Academic Publishers.
6	Wiseman, J., Cole, D.J.A. (1990) Feedstuff Evaluation, Cambridge University Press, Great Britain.
7	Yavuz, H.M. (2001) Çiftlik Hayvanlarının Beslenmesinde Temel Prensipler, Hilal Yayınevi, İstanbul.

Week	Weekly Detailed Course Contents	
1	Theoretical	Giving basic information about feed legislation. Definitions and classifications about feed legislation.
2	Theoretical	Giving information about legislations on feed production.
3	Theoretical	Giving information about legislations on feed import.
4	Theoretical	Giving information about legislations on feed export.
5	Theoretical	Giving information about legislations on feed marketing.
6	Theoretical	Giving information about required quality characteristics.
7	Intermediate Exam	Midterm exam
8	Theoretical	Legal legislations on feeds in Turkey.
9	Theoretical	Legal legislations on feeds in Europe.
10	Theoretical	Legal legislations on feeds in World.
11	Theoretical	Giving information about registration and declaration of feeds.
12	Theoretical	Giving information about legislations on detrimental compounds in animal feeding.



13	Theoretical	Giving information about legislations on detrimental compounds exist in feedstuffs.
14	Theoretical	Giving information about legislations on genetically modified organisms (GMO) found in feedstuffs.
15	Theoretical	Sharing recommendations on mistakes seen in feed and animal production with feed producers and animal producers.
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	5	0	10	50
Midterm Examination	1	13	1	14
Final Examination	1	17	1	18
Total Workload (Hours)				96
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knowing feed preparation, marketing, export and import for providing proper animal nutrition and enhanced animal production.
2	Knowing basic information about feed legislation and legal legislation feeds used in animal nutrition.
3	Recent status of legal feed legislation in Turkey and Europe.
4	Giving information about correction of mistakes done in animal nutrition and feed production.
5	Giving information about registration and declaration of feeds.

Programme Outcomes (Animal Nutrition and Nutritional Diseases (Veterinary Medicine) Doctorate)

1	Knows information about importance of forage and concentrates in basic animal nutrition for protecting animal health in scientific and technological animal production.
2	Have ability to formulate economical and full-satisfactory rations with considering product quality and health. May inform animal producers about practical/appropriate feeding methods.
3	Can adapt to recent scientific and technological developments in animal nutrition easier and produce proper strategies against to problems on this field.
4	Knows the properties of feeds used in proper and economical rations formulated due to needs of animal species.
5	Can give information to animal producers about properties of common feedstuffs used in Turkey
6	Knows organoleptic, physical diagnostic and chemical analysis methods used in determining feed quality.
7	Have information about processing and the effects of processing on animal yield.
8	Can identify the term "feed hygiene" and have information about the usage availability of contaminated feedstuffs.
9	Can apply the informations related to feed additives in a proper way.
10	Understands the results and factors decreasing production.
11	Knows the nutrition related diseases and their solution recommendations which may be applied in feeding or formulating feeds for preventing nutritonal diseases.
12	Knows about the availability level of feedstuffs after consumed and can perform digestibility trials.
13	Knows the definition of stress, stress sources and effects on health and production level of animals.
14	Have sufficient information on classification, activation and fermentation of rumen microorganisms plus carbohydrate, lipid and protein digestibility.
15	Knows the factors effecting feed intake and negative factors in feedstuffs and prevention of them.
16	Comments on feeding behaviours and related yield parameters.
17	Have information on basic terms related to feed legislation, feeds used in animal nutrition and their legal regulations.
18	Have information about biotechnological research conducted on feeds and animal nutrition.
19	Knows the effects of nutrition on food quality, fertility, immunity and parasite enfestations.

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

	L2
P17	5

