RATION FORMULATION										
1	Course Title:	RATION	FORMULATION							
2	Course Code:	SBHZ20	4							
3	Type of Course:	Compuls	sory							
4	Level of Course:	Short Cy	cle							
5	Year of Study:	2								
6	Semester:	4								
7	ECTS Credits Allocated:	4.00								
8	Theoretical (hour/week):	2.00								
9	Practice (hour/week):	2.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:									
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	face							
14	Course Coordinator:	Doç. Dr.	TAŞKIN DEĞİRMENCİOĞLU							
15	Course Lecturers:	İbrahim /	АК							
16	Contact information of the Course Coordinator:	Doç. Dr Taşkın DEGIRMENCIOGLU taskin@uludag.edu.tr Uludağ Üniversitesi Karacabey Meslek Yüksekokulu 16700-Karacabey/BURSA Tel. 0(224) 676 8780								
17	Website:									
18	Objective of the Course:	Learning the ration formulation technics for ruminant, and poultry animals								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Explain the ration term and the turkish feed regulations							
		2	Understand the animal nutrition principle and mathematical models for ration formulation							
		3	Understand the least cost ration formulation							
		4	Learning the ration formulation for ruminants							
		5	Learning the ration formulation for poultry							
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
	Course Content:									
Week	Theoretical		Practice							
1	Description of ration and its history		lecture with slides							
2	Basic principle of ration formulation		lecture with slides							
3	Turkish feed law and regulations		lecture with slides							

4	Pearson squares and practical methods in ration formulations									To be understood of subject with test question									
5	Maintenance requirements of nutriton for ruminants								To be understood of subject with test question										
6	Nutrien rumina	irement nals	ts and	nutritio	onal r	orms	in To	To be understood of subject with test question											
7	Nutrien poultry	t requ anima	iremen [:] Ils	ts and	nutritio	onal r	orms	in T	To be understood of subject with test question										
8	Ration	formu	ation fo	or rum	inants-	·1		Т	To be understood of subject with test question										
9	Ration	formu	ation fo	or rum	inants-	2		Т	To be understood of subject with test question										
10	Ration	formu	ation fo	or pou	ltry-1			Т	To be understood of subject with test question										
11	Ration	formu	ation fo	or pou	ltry-2			Т	To be understood of subject with test question										
12	Formulation of the least cost rations for livestock with NRC another programming by computer									To be understood of subject with test question									
13																			
14																			
22	Textbo Materia	eferend	ces an	nd/or O	ther		A yà ra Y	Akkan, S Karma yem oluşturmada yeni bir hesaplama yöntemi. Yem Sanayii Dergisi, Sayı: 67-68, Sayfa: 13 için rasyon hazırlama. Ege Tarımsal Araştırma Enstitüsü Yayınları No. 137, Sayfa:1-14, (2009) 3. Alçiçek, A.:											
23	Assesr	nent																	
TERM L	EARNIN		TIVITIES	5		1		EW	EIGHT										
Activites									Numt	ber		Dura	Duration (hour)			Total Work Load (hour)			
HABAGE 10									92			2.00	2.00			28.00			
Practic	Practicals/Labs											2.00	2.00			28.00			
Self stu	Self study and preperation									100.00				0.00					
Homew	Homeworks									0				0.00					
Project	Projects													0.00					
Field S	Field Studies									0				0.00					
Midtern	Midterm exams													1.00					
Others	-								31			2.00			62.00				
									1		1.00		1.00						
Total Work Load									120.0					120.00					
l otal work load/ 30 hr									4.00						4.00				
ECTS Credit of the Course									4.00										
25	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																		
	PQ	1 PQ2	2 PQ3	PQ4	PQ5	PQ6	PQ7	PQ	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0			

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