	GENETICS	AND A	ANIMAL BREEDINGS					
1	Course Title:	GENETI	CS AND ANIMAL BREEDINGS					
2	Course Code:	SBHS235						
3	Type of Course:	Optional						
4	Level of Course:	Short Cycle						
5	Year of Study:	2						
6	Semester:	3						
7	ECTS Credits Allocated:	3.00						
8	Theoretical (hour/week):	2.00						
9	Practice (hour/week):	0.00						
10	Laboratory (hour/week):	0						
11	Prerequisites:	None						
12	Language:	Turkish						
13	Mode of Delivery:	Face to face						
14	Course Coordinator:	Öğr.Gör. NAZİF UZUN						
15	Course Lecturers:	MYO Yönetim Kurullarının görevlendirdiği öğretim elemanları						
16	Contact information of the Course Coordinator:	e-posta : nazifuzun@uludag.edu.tr Telefon: 0 224 2942662 Adres: Uludağ Üniversitesi, Karacabey Meslek Yüksekokulu, Bitkisel ve Hayvansal Üretim Bölümü, Karacabey/BURSA						
17	Website:							
18	Objective of the Course:	The aim of this course is to provide information on basic genetics and animal breeding.						
19	Contribution of the Course to Professional Development:	Gains knowledge of the science of genetics.						
20	Learning Outcomes:	1						
		1	Informed of evolution, future and importance of animal breeding from past to present.					
		2	Learns the phenotypic variation source and calculation methods.					
		3	Learns selection methods, impacts and their areas of usage.					
		4	Can predict genetic parameters and understand their importance in animal breeding					
		5	Learn crossbreeding methods.					
		6	Learn genetic basis of crossbreeding.					
		7	Learn breeding systems and their areas of usage.					
		8	To be informed of breeding methods that can use in Turkey.					
		9	Gains knowledge of the science of genetics.					
		10						
21	Course Content:							
		Co	urse Content:					
Week	Theoretical		Practice					
1	The scope and importance of anima	l breeding						

2	Character, phenotype, genotype and environment concepts, genotype-env relations with environmental and gen sources of phenotypic variation	vironment etic									
3	The definition of heritability, it's impo and characteristics of animal breedin	rtance g.									
4	Definition of selection, selection's eff selection and culling, selection in terr quantitative and qualitative character	ects, ms of ˈs									
5	Opportunities of increasing that effici selection	ency of									
6	The realization of the expected progr selection	ess in									
7	Selection methods, mass selection										
8	Family selection and combined select efficiency of family selection and com selection	tion, nbined									
9	Repeating courses and midterm exa	m									
10	Mating systems, purebreeding inbree	eding									
11	Linebreeding and inbreeding										
12	Crossbreeding systems										
13	Combination Crossbreeding										
14	Commercial crossing										
Activit	es			Number	Duration (hour)	Total Work Load (hour)					
Theore	tical		3.	Tüzemen N, Yanar M	Ankara, 2003. Akbulut Ö: Hayva	Alsianı. Atatürk					
Practic	als/Labs			0	0.00	0.00					
Self stu	dy and preperation		4	1960 1960 1960 1960 1970 1970 1970 1970 1970 1970 1970 197	an 99 Iahinin Geneti	κ4 <sup>38</sup> rθRsipleri.					
Homew	vorks			0	0.00	0.00					
Project	8		5.	Düzgüneş, O., Eliçin,	<b>A</b> . <b>@</b> Akman, N. 20	029.0Hayvan					
Field S	tudies			0	0.00	0.00					
Midtern	h exams		S	fleep. Farming Press.	<b>\$B</b> N00 85236 351	<b>₫</b> 5.00					
Others	In concernant			0	0.00	0.00					
Final E			مدا		15.00	15.00					
Total W	Vork Load	•				101.00					
Nitotae w	nonExlanard∕30 hr	1	4	0.00		2.87					
ECTS	Credit of the Course	+				3.00					
Home	work-project	0	0.00								
Final E	xam	1	60.00								
Total		2	10	100.00							
Contrib Succes	oution of Term (Year) Learning Activities as Grade	es to	40.00								
Contrib	oution of Final Exam to Success Grade	Э	60.00								
Total			10	100.00							
Measu Course	rement and Evaluation Techniques Us	sed in the	So pr Ui	Scored and evaluation are carried out according to the principles of Bursa Uludağ University Associate and Undergraduate Education and Training Regulation.							
24 ECTS / WORK LOAD TABLE											

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	2	1	5	1	5	5	4	1	1	1	1	1	1	1	1	1
ÖK2	5	4	1	3	4	4	2	1	1	1	1	1	1	1	1	1
ÖK3	5	2	5	1	5	4	4	1	1	1	1	1	1	1	1	1
ÖK4	5	2	4	1	5	5	5	1	1	1	1	1	1	1	1	1
ÖK5	5	4	5	1	5	5	5	1	1	1	1	1	1	1	1	1
ÖK6	5	4	5	1	5	5	5	1	1	1	1	1	1	1	1	1
ÖK7	5	4	4	5	5	5	1	1	1	1	1	1	1	1	1	1
ÖK8	5	4	4	1	5	4	5	1	1	1	1	1	1	1	1	1
ÖK9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	Contrib 1 very low ution Level:			2 low			3 Medium			4 High			5 Very High			