		STA	TISTICS						
1	Course Title:	STATIS	TICS						
2	Course Code:	ZOO2404							
3	Type of Course:	Compuls	sory						
4	Level of Course:	First Cyc	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:	NONE							
12	Language:	Turkish							
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Prof. Dr. CENGİZ ELMACI							
15	Course Lecturers:	Prof.Dr.Cengiz ELMACI Prof.Dr.Abdurrahim Tanju GÖKSOY							
16	Contact information of the Course Coordinator:	elmaci@uludag.edu.tr 0 224 2941554 Uludağ Üniversitesi Ziraat Fakültesi Zootekni Bölümü Bursa							
17	Website:								
18	Objective of the Course:	The purpose of this course is to teach basic statistical principals used in agriculture and biology field with their samples to the students.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Having the ability of forming the hypotheses for the trials						
		2	Ability to test the hypotheses						
		3	Planning of the experiments						
		4	Ability to appreciate the measurement and data collection methods						
		5	Being able to apply the suitable statistically analyses for data						
		6	Knows evaluation and interpretation of results						
		7	Ability to earn skill on objective deciding						
		8	Being able to apply the basic statistical technics and methods						
		9							
		10							
21	Course Content:								
		Course Content:							
	Theoretical		Practice						
1	Introduction to statistics; some defini population and sample	itions,	Solving problems about population and sample						
2	Data and summarization of the data		Solving problems about distribution of frequency						

3	Descriptive statistics		Solving problems about mean, variance, Standard							
4	Linear correlation and regression		deviation, Standard error, median and mode Solving problems about linear correlation and regression							
5	Test, incident and probability		Solving problems about linear correlation and regression							
6	Theory of probability									
7	Chance variables and values expect	od.	Solving problems about some theory of probability							
_	·		Repeating courses and midterm exam							
8	Discrete probability distributions (poi binomial distributions)	sson and	Solving problems about poisson and binomial distributions							
9	Kesiksiz değişkenlerin dağılışları		Solving problems about Normal distribution							
10	Sampling distributions		Solving problems about sampling distributions							
11	Test distributions (z, F, t tests and C test)	hi-square	Solving problems about test distributions							
12	Statistical estimation; Point estimation population mean	on of	Solving problems about statistical estimation							
13	Estimation of some parameters and confidence interval		Solving problems about confidence interval							
14	Testing hypothesis		Solving problems about testing hypothesis							
22	Textbooks, References and/or Other Materials:		İstatistik, Z. Metin Turan. U.Ü. Z.F. Ders Notları,No: 78. İstatistik Metodları. O.Düzgüneş. Ankara Ü. Z.F. Yayınları No:578							
Activit	es		Number	Duration (hour)	Load (hour)					
Theore	tical EARNING ACTIVITIES	NUMBE	14 WEIGHT	2.00	28.00					
	als/Labs	INUMBE	14	2.00	28.00					
Stept & FO	ਪਿ ੱ ਟਕੀਊ preperation	1	40120	3.00	36.00					
Homew	vorks		0	0.00	0.00					
Henge	gork-project	0	0.00	0.00	0.00					
Field S	tudies		0	0.00	0.00					
™ntal ern	n exams	2	100.00	12.00	12.00					
Others			0	0.00	0.00					
Final E	xams		1	16.00	16.00					
Total W	/ork Load				120.00					
Tetal w	ork load/ 30 hr		100.00		4.00					
ECTS (Credit of the Course				4.00					
	ECTS / WORK LOAD TABLE		<u> </u>							
25	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME									

QUALIFICATIONS PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8 PQ9 PQ1 PQ11 PQ12 PQ1 PQ14 PQ15 PQ16 ÖK1 ÖK2 ÖK3

Contrib 1 very low ution Level:		:	2 low		3 Medium			4 High		5 Very High						
LO: Learning Objectives PQ: Program Qualifications																
ÖK8	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	4	5	0	0	0	0	0	4	0	0	0	0	0	0	0	0
ÖK6	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0