PROBABILTY AND STATISTICS										
1	Course Title:	PROBAE	PROBABILTY AND STATISTICS							
2	Course Code:	MAT201	7							
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cyc	le							
5	Year of Study:	1								
6	Semester:	2								
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 f	face							
14	Course Coordinator:	Prof. Dr.	ERKAN IŞIGIÇOK							
15	Course Lecturers:	Fen-Edebiyat Fakültesi Matematik Bölümü tüm öğretim üyeleri								
16	Contact information of the Course Coordinator:	e-posta:eyasar@uludag.edu.tr Telefon:0224 2941768 Adres:U.Ü Fen-Edb. Fak. Mat. Böl. B102 Görükle Bursa								
17	Website:									
18	Objective of the Course:	Introduction to probability theory and learning the basic statistical concepts and theories.								
19	Contribution of the Course to Professional Development:	ion of the Course to anal Development:								
20	Learning Outcomes:									
		1	The student gains the ability to create the model in data collection.							
		2	Acquires knowledge of organizing and evaluating the collected data.							
		3	The student can make the necessary arrangements and taking measures. According to the results of statistical techniques.							
		4	Ability to easily adapt the subject after receiving the basic information of interest to develop.							
		5	Ability to easily participate in team practices.							
		6	The student gains the ability to solve the problem of theoretical and statistical techniques.							
		7	Knows and applies the daily problems of probability functions.							
		8	Hypothesis testing can create and solve.							
		9	Hypothesis testing can be applied to problems in various models.							
		10	The student can analyze by using probability and statistical informations.							
21	Course Content:									
	Course Content:									
Week	Theoretical		Practice							
1	Set Theory	_	Problem solving							

2	Necessary Basic Concepts								Problem solving										
3	Statistical data, data collection, tables and graphics support								Pro	Problem solving									
4	Mea	Measures of Central Tendency								Problem solving									
5	Mea	Measures of Central Distribution								oblem	solving	3							
6	Pro	Probability and Probability Distributions							Pro	Problem solving									
7	Cor	Continuous probability distributions							Pro	Problem solving									
8	Mid	Midterm and General Review																	
9	Discrete probability distributions-applications							Problem solving											
10	Нур	Hypothesis testing-I							Problem solving										
11	Нур	Hypothesis testing-II							Problem solving										
12	Reg	egression and correlation analysis							Pro	Problem solving									
13	Var	aryasyon Analizi							Pro	Problem solving									
14	Ger	General review and applications							Pro	Problem solving									
22	Tex Mat	Textbooks, References and/or Other Materials:																	
23	Ass	esme	ent																
TERM L	EAR	NING		VITIES	;		N	UMBE	WE	WEIGHT									
Midtern	n Ex	am					1	•	40	40.00									
Quiz							0	1	0.00										
Activites						1	Number				Duration (hour)			Total Work Load (hour)					
TReore	tical						2		10	100400				2.00			28.00		
Practicals/Labs								14			2.00	2.00			28.00				
Self study and preperation							14			3.00	3.00			42.00					
Homeworks						(0			0.00	0.00			0.00					
Projects							110	0			0.00	0.00			0.00				
Field Studies							(0			0.00	0.00			0.00				
Midtern exams / WORK I OAD TABLE							1			6.00	6.00			6.00					
Others							•	1			6.00	6.00			6.00				
Final Exams							-	1			10.00	10.00			10.00				
Total Work Load															120.00				
Total work load/ 30 hr															4.00				
ECTS Credit of the Course														4.00					
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																		
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7 I	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16		
	LO: Learning Objectives PQ: Program Qualifications																		
Contr utior Leve	rib n el:	ib 1 very low 2 low 1 1:		2 low	-	3 Me		ium	4 High		า	5 Very High							