ADVANCED STATISTICAL DATA ANALYSIS									
1	Course Title:	ADVAN	CED STATISTICAL DATA ANALYSIS						
2	Course Code:	EKO6108							
3	Type of Course:	Optional							
4	Level of Course:	Third Cycle							
5	Year of Study:	1							
6	Semester:	2							
7	ECTS Credits Allocated:	4.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	No							
12	Language:	Turkish							
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Prof. Dr. Nuran Bayram							
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	E-mail : nuranb@uludag.edu.tr Phone: 0 224 29 41 126 Adress Uludag University,Faculty of Economics and Administrative Sciences ,Department of Econometrics, 16059 Gorukle/Bursa, Turkey:							
17	Website:								
18	Objective of the Course:	The aim of the course is, describing the basic concepts and techniques of statistical analysis and applying them to related problems.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:		-						
		1	To be able to modelling statistical problems.						
		2	To be able to use statistics for multidisciplinary studies.						
		3	To be able organize data sets and to be able Veri setlerini düzenleyebilme ve bu veri setlerinden istatistiksel olarak anlamlı sonuçlar çıkarabilme,						
		4	To be able to apply and interpret statistical analysis.						
		5	To be able to use statistical softwares.						
		6	To be able to understand differences between statistical analysis.						
		7	To be able to learn how to make, apply and interpret the statistical analysis.						
		8	To be able to learn which statistical techniques can be use for different data types.						
		9							
		10							
21	Course Content:								
	Course Content:								
Week	Theoretical Practice								

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2	Statistics, Hypothesis Tests)				
	SPSS APPLICATIONS				
3	TWO WAY ANALYSIS OF VARIANO	CE AND			
4	ONE WAY MULTIVARIATE ANALYS VARIANCE AND SPSS APPLICATIO	SIS OF DNS			
5	TWO WAY MULTIVARIATE ANALYS VARIANCE AND SPSS APPLICATIO	SIS OF DNS			
6	ANALYSIS OF COVARIANCE (ANC	OVA)			
7	ANALYSIS OF COVARIANCE (ANC AND SPSS APPLICATIONS	OVA)			
8	RELIABILITY ANALYSIS AND SPSS APPLICATIONS	5			
9	FACTOR ANALYSIS				
10	FACTOR ANALYSIS AND SPSS APPLICATIONS				
11	SIMPLE LINEAR REGRESSION AN CORRELATION ANALYSIS AND SP APPLICATIONS	D 'SS			
12	MULTIPLE LINEAR REGRESSION A CORRELATION ANALYSIS AND SP APPLICATIONS	AND 'SS			
12			Number		Tatal Mark
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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	5	5	5	5	5	5	5	5	5	5	5	3	0	0	0	0
ÖK2	5	4	5	5	4	4	5	4	4	4	4	4	0	0	0	0
ÖK3	4	4	4	4	4	4	5	4	4	4	5	3	0	0	0	0
ÖK4	5	5	5	4	5	5	5	5	5	5	5	4	0	0	0	0
ÖK5	4	4	4	3	4	5	5	4	4	5	4	4	0	0	0	0
ÖK6	5	5	5	5	5	5	5	5	5	5	5	3	0	0	0	0
ÖK7	4	4	4	3	3	4	5	4	4	5	3	3	0	0	0	0
ÖK8	4	5	3	4	5	4	4	4	4	3	4	4	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	ntrib 1 very low ion evel:			2 low			3 Medium		4 High			5 Very High				