

# STATISTICAL PACKAGES

1	Course Title:	STATISTICAL PACKAGES	
2	Course Code:	EKO3203	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	5	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	3.00	
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. ERKAN IŞIĞIÇOK	
15	Course Lecturers:	Prof. Dr. Erkan IŞIĞIÇOK, Yrd. Doç. Dr. Selim TÜZÜNTÜRK	
16	Contact information of the Course Coordinator:	E-posta : eris@uludag.edu.tr Telefon: 0 224 29 41101 Adres: Uludağ Üniversitesi, İktisadi ve İdari Bilimler Fakültesi, Ekonometri Bölümü, 16059, Görükle/Bursa.	
17	Website:		
18	Objective of the Course:	The aim of the course is to inform about the process to be followed during an investigation, show how to analyze data using statistical package programs of can be obtained data.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To be able to define a research problem and hypotheses.
		2	To be able to explain the relationships between scales and data types.
		3	To be able to data entry and save to statistical package programs.
		4	To be able to calculate the descriptive statistics in statistical package program.
		5	To be able to create tables and draw graphs ata in statistical package programs for numeric data.
		6	To be able to research relationships between variables in statistical package programs.
		7	To be able to analysis of data in statistical package programs.
		8	To be able to have knowledge on understanding and interpreting outcomes of statistical package programs.
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Basic Statistics		

<b>2</b>	Data entry and saving to SPSS program	
<b>3</b>	Data entry and saving to Minitab program	
<b>4</b>	Descriptive statistics applications in SPSS program	
<b>5</b>	Interpretation of descriptive statistics findings obtained from SPSS	
<b>6</b>	Descriptive statistics applications in Minitab program	
<b>7</b>	Interpretation of descriptive statistics findings obtained from Minitab	
<b>8</b>	Inferential statistics applications in SPSS program	
<b>9</b>	Interpretation of inferential statistics findings obtained from SPSS	
<b>10</b>	Inferential statistics applications in Minitab program	
<b>11</b>	Interpretation of inferential statistics findings obtained from Minitab	
<b>12</b>	Comparative analysis of SPSS and Minitab programs	
<b>13</b>	Advanced statistical applications and interpretation of findings in SPSS	
<b>14</b>	Advanced statistical applications and interpretation of findings in Minitab	
<b>22</b>	Textbooks, References and/or Other Materials:	1. Erkan IŞIĞIÇOK, Altı Sigma Kara Kuşaklar İçin Hipotez Testleri Yol Haritası, Marmara Kitabevi, Genişletilmiş 2. Baskı 2011, Bursa. 2. Nuran BAYRAM, SPSS ile Veri Analizi, Ezgi Kitabevi, 2009, Bursa. 3. Ayşe OĞUZLAR, İstatistiksel Veri Analizi 1, Ezgi Kitabevi, 2007, Bursa.
<b>23</b>	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		
	<b>NUMBE R</b>	<b>WEIGHT</b>
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	30.00	30.00
Others	0	0.00	0.00
Final Exams	1	40.00	40.00
Total Work Load			154.00
Total work load/ 30 hr			5.13
ECTS Credit of the Course			5.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	4	2	4	5	2	1	3	2	2	0	0	0	0	0	0
ÖK2	3	2	2	2	4	2	1	2	2	2	0	0	0	0	0	0
ÖK3	2	2	1	2	4	2	1	2	2	2	0	0	0	0	0	0
ÖK4	2	2	1	2	5	1	2	2	2	2	0	0	0	0	0	0
ÖK5	2	2	2	2	5	2	1	2	2	2	0	0	0	0	0	0
ÖK6	2	2	2	3	5	2	2	2	2	2	0	0	0	0	0	0
ÖK7	2	2	2	3	5	2	3	2	1	2	0	0	0	0	0	0
ÖK8	3	2	1	3	5	2	3	2	2	2	0	0	0	0	0	0
<b>LO: Learning Objectives PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>		<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>				