AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Statistical Software Programs						
Course Code	UEK525		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	5	Workload	126 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course							
Course Content							
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation)					
Name of Lecturer(s)							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Necmi Gürsakal, R ile Programlama, Dora Yayınları, Bursa, 2014.
2	Erkan IŞIĞIÇOK, Altı Sigma Kara Kuşaklar İçin Hipotez Testleri Yol Haritası, Marmara Kitabevi, Genişletilmiş 2. Baskı 2011, Bursa.
3	Nuran BAYRAM, SPSS ile Veri Analizi, Ezgi Kitabevi, 2009, Bursa.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Statistics
2	Theoretical	Data entry and saving to SPSS program
3	Theoretical	Data entry and saving to Minitab program
4	Theoretical	Descriptive statistics applications in SPSS program
5	Theoretical	Interpretation of descriptive statistics findings obtained from SPSS
6	Theoretical	Descriptive statistics applications in Minitab program
7	Theoretical	Interpretation of descriptive statistics findings obtained from Minitab
8	Theoretical	Inferential statistics applications in SPSS program
9	Theoretical	Interpretation of inferential statistics findings obtained from SPSS
10	Theoretical	Inferential statistics applications in Minitab program
11	Theoretical	Interpretation of inferential statistics findings obtained from Minitab
12	Theoretical	Comparative analysis of SPSS and Minitab programs
13	Theoretical	Advanced statistical applications and interpretation of findings in SPSS
14	Theoretical	Advanced statistical applications and interpretation of findings in Minitab

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	6	3	126
			Total Workload (Hours)	126
			[Total Workload (Hours) / 25*] = **ECTS**	5

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes *(Applied Econometry Interdisciplinary Master)*

1	Will be able to collect data related to social and economic topics.
2	Will be able to get raw data ready for statistical and econometric analysis.
3	Will be able to build econometric models that describe the data generating process behind data.
4	Will be able to interpret the results that are obtained through econometric analysis.
5	Will be able to conduct an independent empirical research project from start to finish.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	3	3	3	4	2
P2	3	3	2	3	4
P3	2	5	1	2	3
P4	1	2	2	1	1
P5	2	3	3	3	3