



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Techniques							
Course Code		UEK528		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)		Lec. Şebnem Nalan AKAROĞLU							

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.
---	---

Week	Weekly Detailed Course Contents	
1	Theoretical	Science and related basic concepts
2	Theoretical	Scientific research techniques
3	Theoretical	Stages of scientific research techniques
4	Theoretical	Stages of scientific research techniques
5	Theoretical	Defining the scientific research problem
6	Theoretical	Methods of reviewing the literature
7	Theoretical	Midterm exam
8	Theoretical	Methods of data collection: Qualitative and Quantitative
9	Theoretical	survey techniques and questionnaire design
10	Theoretical	Reliability analysis
11	Theoretical	Validity analysis
12	Theoretical	Analysing and interpreting the data
13	Theoretical	Preparing of survey reports and the rules of academic writing
14	Theoretical	Academic presentation techniques

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	2	5	2	1	3
P2	1	2	3	2	2
P3	2	1	3	4	5
P4	2	3	4	3	4
P5	3	2	5	2	5

