



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods and Ethics							
Course Code		FEK505		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		This course aims to provide a detailed understanding of the mainstream techniques and some of the leading (both contemporary and classic) debates related to conducting research in social sciences.							
Course Content		This course includes topics on basic concepts, methods and approaches related social sciences. The context of the course contains topics which have targets on students to research, to evaluate scientific papers and to improve their skills of critical view.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Assoc. Prof. Elvan HAYAT							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Attending Lectures	1	20
Seminar	1	20
Term Assignment	1	60

Recommended or Required Reading

1	Gary King, Robert O. Keohane, Sidney Verba, Designing Social Inquiry, Princeton: Princeton University Press, 1994.
2	Neuman, W. L. (2005). Social research methods: Quantitative and qualitative approaches (Vol. 13). Boston: Allyn and Bacon.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic concepts about reserach and introduction to research methods
2	Theoretical	The importance of scientific methods and research
3	Theoretical	Introduction to scientific research: objective, importance, assumptions, limitations and definitions
4	Theoretical	literature review in scientific research: theoretical framework, related resources
5	Theoretical	Method in scientific research: Research model and research types
6	Theoretical	Method in scientific research: population and sample I
7	Theoretical	Method in scientific research: population and sample II
8	Practice	Student Presentations on a specific research topic
9	Theoretical	Method in scientific research: obtaining data
10	Theoretical	Nitel ve Nicel Veri analizlerinin karşılaştırılması ve bilimsel araştırmada kullanıldığı yerler
11	Theoretical	Measurement and some measurement tools
12	Theoretical	How to write introduction, methodology, findings, evaluations, results and references of a scientific research paper
13	Theoretical	Bilimsel araştırmada etik
14	Theoretical	Evaluations and discussions on term project
15	Theoretical	General Assesment
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Individual Work	7	2	2	28
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Gain in depth knowledge of some of the leading contemporary and classic debates on the epistemological and ontological roots of doing research in social sciences in general, and financial econometrics and econometrics in particular.
2	Have a better understanding of some of the outstanding methodological issues and debates surrounding social science research in general, and econometrics and financial econometrics in particular.
3	Develop the ability to solve some of the common problems and issues while undertaking research in social sciences.
4	Improve ability to match appropriate research methods and analytical skills with research topic or question on hand.
5	Gain the ability to design and conduct graduate level academic research.

Programme Outcomes (Econometrics Master)

1	Understanding the concept of econometric
2	Ability to estimate econometric models
3	Test to the estimated reliability of the econometric model
4	Learning time series analysis
5	Recognition of financial assets and analysis that estimates the decisions of economic units
6	Be able to use econometric methods developed specifically for analysis of financial data
7	To be able to use computer programs needed in the field financial economics as well as information and communication technologies in advanced levels
8	Provision of the information that will be base for the econometric applications on money theories, theories of international trade and finance
9	Considering a scientific research, to be able to make a profound literature research, analysis, estimations and reporting findings in a scientific work

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	4	4	4	5
P2	3	4	5	4	5
P3	4	4	5	4	5
P4	4	4	3	2	4
P5	2	3	4	3	2
P6	3	5	3	1	3
P7	3	3	4	3	5
P8	5	5	3	3	2
P9	5	5	5	5	4

