AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Scientfic Research Methods and Ethics						
Course Code		MHY522		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	5	Workload	124 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The main goal of the course ist to improve the understanding of scientific research and to criticise research articles and write simple research proposals.						
Course Content		Science; Scientific paradigmas; Quality of scientific research; Types of scientific research; Parts of a scientific research; Choosing a research problem; Research models (surveys; experimental designs); Population and sample; Validity and reliability; Content analysis; Survey; Attitudes and attitude scales; Observation; Interview; Research ethics.						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Prof. Recep TEKELİ						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Yıldırım, A. ve Şimşek, H. (1999). Sosyal bilimlerde nitel araştırma yöntemleri. Ankara: Seçkin
2	Kuş, E. (2003). Nicel ve nitel araştırma teknikleri. Ankara: Anı.
3	Arlı, M. ve Nazik, H. (2001). Bilimsel araştırmaya giriş. Ankara: Gazi kitabevi.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction
2	Theoretical	Science, paradigms in science
3	Theoretical	Problem statement, purpose, significance, limitations, assumptions in sicentific research
4	Theoretical	Methods in Scientific Research: Survey methods
5	Theoretical	Methods in Scientific Research: Experimental models
6	Theoretical	Population and sample
7	Theoretical	Validity and reliability
8	Intermediate Exam	Midterm exam
9	Theoretical	Data Collection Tools
10	Theoretical	Observation
11	Theoretical	Interview
12	Theoretical	Results
13	Theoretical	Discussion
14	Theoretical	Ethics in science and scietific research
15	Theoretical	Ethics in science and scietific research
16	Theoretical	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Individual Work	4	2	3	20
Midterm Examination	1	8	2	10

Final Examination	1	8	2	10
			Total Workload (Hours)	124
			[Total Workload (Hours) / 25*] = **ECTS**	5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to state the ethics and principles that need to be implemented in scientific research
2	To be able to write research proposals
3	To be able to criticise research papers
4	To be able to explain the advantages and disadvantages of data-collecting techniques
5	To be able to evaluate data-collecting instruments based on validity and reliabilty criteria

Programme Outcomes *(Public Finance and Tax Applications Master's Without Thesis)*

1	To be able to learn the basic concepts in economic and public finance theories, and learn to correlate with basic economic problems and ratiocination
2	To be able to gain a basic knowledge of public finance, fiscal policy, government budgeting, tax theory and practice
3	To be able to comment and evaluate about public expenditure usages, public revenues and public borrowing
4	To be able to evaluate and analyze economic data with regard to fiscal policy usage
5	To be able to gain knowledge particularly in the areas of professional expertise in the public sector, public and private sector needs for the areas of economics, finance, law, accounting, tax, business knowledge
6	To be able to follow practical and theoretical innovations in the field of Finance, at a national and international level
7	To be able to offer and share alternative solutions in the field of public finance with awareness for lifelong learning and critical thinking
8	To be able to present opinions as to current issues in public finance, to enhance them as well as to use them in interpreting events
9	To able to share theoretical and practical knowledge in the field of public finance and translate them into teamwork activities

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