



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods and Ethics							
Course Code		İKP623		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	131 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Developing scientific research skills							
Course Content		Research in Science; basic concepts, methods, steps, planning, topic selection, source scanning, critical making, goal setting, variable-scaling determination, problem identification, hypothesis building, data collection and analysis, report writing and publication ethic							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Assoc. Prof. Mehmet BÖLÜKBAŞ, Prof. Ahmet Can BAKKALCI							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Altay, A. G, (translator), How to Write and Publish a Scientific Article, by Robert A. Day, TÜBİTAK, 1996
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Week	Weekly Detailed Course Contents	
1	Theoretical	Concepts of scientific research and ethics
2	Theoretical	Basic characteristics of research in science
3	Theoretical	Quantitative and qualitative research methods
4	Theoretical	Scientific research steps
5	Theoretical	Research planning and research topic selection
6	Theoretical	Scanning of sources and scientific writing criticism
7	Theoretical	Determination of research objectives
8	Intermediate Exam	Midterm
9	Theoretical	Determination of research variables and scales
10	Theoretical	Identification of research problems and establishment of hypotheses
11	Theoretical	Determination of research patterns and research methods
12	Theoretical	Ethics of data collection and analysis of data
13	Theoretical	Report writing and use of research results, research ethics
14	Theoretical	Publication ethics
15	Theoretical	General evaluation
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Individual Work	14	1	2	42
Midterm Examination	1	8	1	9
Final Examination	1	9	1	10
Total Workload (Hours)				131
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Explains the basic concepts of scientific research.
2	Explains the stages of a scientific research.



3	They have the knowledge and equipment to interpret a scientific research and design and conduct a small research.
4	Knows ethical rules in research.
5	Develops a positive attitude toward knowledge and scientific research.

Programme Outcomes (*Economic Policy Doctorate*)

1	To be able to understand and interpret basic economic concepts, theories and methods
2	To be able to apply mathematical, statistical and econometric analysis tools to economic problems
3	To be able to interpret the structure and characteristics of the markets in the economy by understanding current economic events.
4	To be able to describe the role of innovation, creativity and technology in the dynamic global economy.
5	Ability to prepare projects and acquire creativity skills
6	Ability to analyze macro and micro economic developments
7	Being able to adopt the philosophy of lifelong learning

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

