



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		MYL627		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	130 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Purpose of this course is providing an opportunity to establish or advance their understanding of research through critical exploration of research language, ethics, and approaches.							
Course Content		The course introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Lec. Gülizar Seda YILMAZ							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Porta, M. (2014). A dictionary of epidemiology (6th ed). New York, NY: Oxford University Press.
---	---

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction
2	Theoretical	Introducing the set of tools and methods
3	Theoretical	Research Ethics
4	Theoretical	Introduction to Quantitative Research, Study Designs and Methods
5	Theoretical	Analysis and Interpretation of Quantitative Data
6	Theoretical	Preparation for midterm exam
7	Intermediate Exam	Midterm exam
8	Theoretical	Introduction to Qualitative Research, Study Designs and Methods
9	Theoretical	Analysis and Interpretation of Qualitative Data
10	Theoretical	Introduction to Mixed Methods Research, Study Designs and Methods
11	Theoretical	Analysis and Interpretation of Mixed Methods Data
12	Theoretical	Critical Appraisal of Mixed Methods Research
13	Theoretical	Article writing process
14	Theoretical	Article writing process
15	Theoretical	Article writing process
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	3	98
Midterm Examination	1	10	1	11
Final Examination	1	20	1	21
Total Workload (Hours)				130
[Total Workload (Hours) / 25*] = ECTS				5

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	They understand research terminology
2	Be aware of the ethical principles of research.
3	Describe quantitative, qualitative and mixed methods approaches to research



4	Identify the components of a literature review process
5	Critically analyze published research

**Programme Outcomes (Finance Doctorate)**

1	Analyze the functioning of modern public finance
2	Identify the types of public needs and the mechanisms of their financing
3	Argue the theoretical basis of public expenditures and to analyze their types and economic effects
4	Classify public revenues and integrate them into the fiscal and tax system
5	Classify public revenues and expenditures through the budget and to analyze the instruments and objectives of budgetary policy

**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	5	4	5	4	5
P2	5	4	5	4	5
P3	5	4	5	4	5
P4	5	4	5	4	5
P5	5	4	5	5	5

