



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Basic Research Methods							
Course Code		CSAG660		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		It is aimed to improve the knowledge and skills of researchers in health care and data analysis.							
Course Content		1) Research principles 2) Research techniques 3) Research types 4) Research planning 5) Data collection and analysis							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	• Prof. Dr. Prof. Dr. Emine Didem EVCİ KİRAZ's unpublished course notes
2	Sağlıkta araştırma ve çözümleme kitabı, Prof. Dr. Gazanfer AKSAKOĞLU
3	Sağlık araştırmaları için temel istatistik kitabı, Dr. Murat HAYRAN ve Dr. Mutlu HAYRAN
4	Basic epidemiology, 2nd ed, http://apps.who.int/iris/handle/10665/43541

Week	Weekly Detailed Course Contents	
1	Theoretical	History of research methods
2	Theoretical	Research principles
3	Theoretical	Research techniques
4	Theoretical	Research types
5	Theoretical	Further research
6	Theoretical	Retrospective research
7	Theoretical	Cross-sectional studies
8	Theoretical	Experimental investigations
9	Theoretical	Meta analysis
10	Intermediate Exam	Midterm
11	Theoretical	Speeds obtained in research
12	Theoretical	Research planning
13	Theoretical	Data collecting
14	Theoretical	Data analysis Data presentation

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	28	2	30
Final Examination	1	40	2	42
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	To be able to have up-to-date theoretical and practical knowledge at the level of expertise in environmental health
2	To be able to analyze the problems related to environmental health with scientific methods and evaluate them with a critical approach
3	To have the ability to produce, execute and finalize new projects for scientific research,
4	To have theoretical and practical knowledge about environmental health, historical development and economic dimension of environmental health,
5	To be able to have theoretical and practical knowledge about environmental degradation effects
6	To be able to have knowledge and skills in the fields of strategic management, marketing, performance management, quality management and human resources management
7	Knows, interprets and interprets the intercultural differences, national and international health legislation and patient rights and their rights
8	Acquiring theoretical and practical knowledge about environmental ethics, policy and planning, information systems, professional foreign language, finance and intermediary institutions,
9	To have information about basic concepts, terminology and complementary medicine in health field,
10	To have environmental literacy.

Programme Outcomes (*Environmental Health Interdisciplinary Doctorate*)

1	Equipped with advanced knowledge and skills related to research methods, data analysis and interpretation of research results in the development and application of environmental health theories;
2	who can take part in professional arrangements; contributes to the development of health related institutions;
3	Knows, interprets and comments on national and international environmental health legislation,
4	Organizasyon Assuming an effective role in environmental health organization and management,
5	To Equipped with the knowledge and skills necessary for the effectiveness of environmental health practices in the future;

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10
P1	4	1	1	2	5	2	4	2	5	5
P2	4	2	2	4	4	2	3	5	5	5
P3	4	3	3	4	5	4	5	5	5	5
P4	4	3	3	4	5	4	5	5	5	5
P5	4	2	2	4	5	4	2	5	5	5

