



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Epidemiology							
Course Code		CSAG602		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course aims to raise awareness about the definition of environment epidemiology, usage purposes and research methods.							
Course Content		.To examine the concepts of epidemiology and environmental epidemiology, to have knowledge about history, to give information about environmental epidemiology usage areas and research methods							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	20
Attending Lectures	1	20
Assignment	2	40

### Recommended or Required Reading

1	-Prof. Dr. E.Didem Evci Kiraz's unpublished course notes.
2	-Ladou J, Harrison R, Occupational & Environmental Medicine, 2014
3	-Gordis L. Epidemiology, Third Edition.ISBN:1-4160-2530-8 Elsevier Saunders Inc. Publ. Pennsylvania.2004
4	-Güler Ç. (Ed). Çevre Sağlığı (Çevre ve Ekoloji Bağlantılarıyla), 1. ve 2. Cilt, Yazıt Yayıncılık, Ankara, 2012

Week	Weekly Detailed Course Contents	
1	Theoretical	General information about the course, aims and objectives
2	Theoretical	Epidemiology and environmental epidemiology concepts
3	Theoretical	Environmental epidemiology history
4	Theoretical	Environmental epidemiology objectives and areas of use-1
5	Theoretical	Environmental epidemiology objectives and areas of use-2
6	Theoretical	Research methods in environmental epidemiology-1
7	Theoretical	Research methods in environmental epidemiology-2
8	Theoretical	Ecological research
9	Theoretical	Investigation of health effects of environmental agents-1
10	Intermediate Exam	Midterm
11	Theoretical	Investigation of health effects of environmental agents-2
12	Theoretical	Risk identification of environmental agents
13	Theoretical	Dose-response relationship
14	Theoretical	Investigation of the effects on society

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	30	2	32
Final Examination	1	38	2	40
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 have up-to-date theoretical and practical knowledge at the level of expertise in environmental health
3	Being able to take active role in environmental health organization and management
4	To be able to solve environmental health problems with scientific methods and to evaluate them with a critical approach
5	Obtaining theoretical and practical knowledge on environmental ethics, policy and planning, information systems, professional foreign languages, finance and intermediary institutions
6	Ability to produce, execute and finalize new projects for scientific research
7	To be able to interpret researches using appropriate statistical methods, to write a report of the research they have participated in, to publish it in a national / international accepted journal, to present it at scientific meetings
8	Having theoretical and practical knowledge about environmental health, historical development and economic dimension of environmental health
9	Being able to have theoretical and practical knowledge about the deterioration effects of the environment
10	Being able to have the knowledge and ability to apply in strategic management, marketing, performance management, quality management and human resources management in organizations providing services in the field of environmental health

**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	3	2	4	4	4	4	5	3	3
P2	4	3	2	4	5	5	4	5	3	3
P3	4	3	2	4	5	5	4	5	3	3
P4	4	3	2	4	5	5	4	5	3	3
P5	4	3	2	4	5	5	4	5	3	3

