AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Environmental Economics								
Course Code	ECO316		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	6	Workload	150 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Provide an analytical framework for environmental quality management.								
Course Content	Economy and Environment: The Macroeconomy, Economics and Environmental: Economics Growth, Population Growth and the Environment; Sustainable Development, Causes of Environmental Deterioration: Why Governments fail about environment policies?, Causes of Environmental Deterioration: Why Markets Fail?, International Environmental Politics.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Prerequisites & Co-requisities	
ECTS Requisite	85

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Jared DIAMOND, Çöküş: Medeniyetler Nasıl Ayakta Kalır ya da Yıkılır? (Çev. Elif KIRAL), Timaş Yayınları, 2006.
2	Tom TIETENBERG and Lewis LYNNE, Environmental and Natural Resource Economics, Eighth Edition, Pearson Education, Inc., 2009.

Week	Weekly Detailed Course Contents	
1	Theoretical	Economy and Environment: The Macroeconomy
2	Theoretical	Economics and Environmental: Economics Growth, Population Growth and the Environment; Sustainable Development
3	Theoretical	Causes of Environmental Deterioration: Why Markets Fail?
4	Theoretical	Causes of Environmental Deterioration: Why Governments fail about environment policies?
5	Theoretical	Decision Making and the Environment: Cost-Benefit Analysis
6	Theoretical	Decision Making and the Environment: The Problem of Valorization of Nature
7	Theoretical	Economic Control of the Environment: Using the Market to Protect Nature
8	Intermediate Exam	Midterm Examination
9	Theoretical	Economic Control of the Environment: Fees, Green TaxesTransferrable Emission Permits
10	Theoretical	Economic Control of the Environment: Determining the Environmental Standards
11	Theoretical	Waste Management
12	Theoretical	Climate Change, Biodiversity Protection, Acid Rains
13	Theoretical	International Environmental Politics
14	Theoretical	Environment and the Developing World
15	Theoretical	General Assessment
16	Final Exam	Final Examination
17	Final Exam	Final Examination

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Reading	14	0	2	28
Individual Work	14	0	3	42
Midterm Examination	1	15	1	16

Final Examination	1	21	1	22
			Total Workload (Hours)	150
			[Total Workload (Hours) / 25*] = **ECTS**	6
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Describes the interaction between humans and natural environmental system.
2	Applies basic methods and techniques to the management of environment.
3	Identifies and evaluates the consequences of population change and technological progress
4	Explains pollution and evaluates strategies to deal with it.
5	Analyses global environmental policy issues with a systematic theoretical framework.

Programme Outcomes *(Economics)*	
1	It defines and evaluates the basic economic concepts, theories, and methods.
2	It offers a basic level of policy proposals towards current economic problems.
3	It analyzes in the context of economic and social events in a historical perspective.
4	It explains the role of economic actors (such as government, company, or household) in the economy.
5	It follows national and international economic indicators and developments and it uses economic knowledge and methods in different areas.
6	Itprovides methods, tools and techniques necessary for the modelling and analysis of economic data and evaluates outcomes accordingly.
7	It defines economic systems, decision-making, policies and problems and it provides feedback about them.
8	It benefits from other disciplines tht contribute to economic basis and holds a basic knowledge of these disciplines.
9	It explains and comments on economic growth, development and productivity problems on basic grounds.
10	It provides sufficient know-how in sub-branches such as public economics, industry, agriculture, environment and natural resources, labor, knowledge and ownership of the economy, international finance, money, in political economy and econometrics.
11	It defines and evaluates the concept of business on basic grounds.
12	It provides a sufficient level of legal know-howthat may be demanded from high skill labor in both public and private sectors.
13	It defines the role of innovation, creativity and technology in the dynamic global economy.
14	It shows skills that will be useful for future employment opportunities and the working environment.
15	It considers science as a rational individual with professional and ethical responsibility.

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	3	3	3	3	3
P4	4	4	4	4	4
P10	5	4	4	4	4