



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Pollution							
Course Code		KİM501		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	148 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Urban, domestic, industrial, environmental pollutants and their effects on the health of human beings and society are examined.							
Course Content		Relationship between matter and environment; Ecosystem components; Properties of sea water; Environmental characters of freshwaters; Biological cycle of elements; Air pollution; Soil pollution; Radioactive environmental pollution; Prevention of environmental pollution.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Project Based Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	3	20
Final Examination	1	60
Seminar	1	20

Recommended or Required Reading

1	Keles, R., Hamamcı C., (1993), Ecology, Image Books, Ankara, Turkey
2	Turkey's environmental problems, (2003), Environmental Problems Foundation of Turkey Publication, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	Environment and environmental problems
2	Theoretical	Ecology and environmental balance
3	Theoretical	Sources of environmental pollutants
4	Theoretical	The psychological effects of environmental pollutants
5	Theoretical	Social impacts of environmental pollutants
6	Theoretical	Health and environment
7	Theoretical	Environmental law
8	Intermediate Exam	Midterm Exam
9	Theoretical	Dimensions and measures of environmental pollution
10	Theoretical	Turkey's environmental problems
11	Theoretical	Economic and social consequences of environmental problems
12	Theoretical	Global environmental issues, sources, formation, results
13	Theoretical	Regional environmental issues, sources, formation, results
14	Theoretical	Student Presentations
15	Theoretical	Student Presentations
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Seminar	3	25	1	78
Midterm Examination	1	10	1	11
Final Examination	1	15	2	17
Total Workload (Hours)				148
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	to be able to acquire information about environmental pollutants
2	to be able to recognize the sizes, and the effects of environmental pollution
3	to learn the sources of environmental pollutants
4	To be able to acquire information about environmental law
5	to learn the regional environmental issues, sources, formation, results

Programme Outcomes (Chemistry Master)

1	To be able to gain proficiency in depths and analysis by statistical methods in the same or a related area depending on the undergraduate competence,.
2	To be able to use the knowledge of his/her field and the skills to solve problems and/or applications in interdisciplinary research.
3	To be able to adopt to evaluate the information and skill his/her field by critical approach.
4	To be able to evaluate the effect of important persons, case and fact on his/her field applications.
5	To be able to gain the ability to discuss write and orally present to a group of literate listener.
6	To be able to communicate orally and written in a foreign language at least at European language B2 level.
7	To be able to use computer programs related to his/her field and have skills for informatics communication.
8	To be able to be careful in protecting social, scientific and cultural ethics in collection data, application and presentation.
9	To be able to develop strategic, political and application plans in his/her field and may evaluate the outcomes in quality periods.

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	4	4	4	4
P2	5	5	5	5	5
P3	5	5	5	5	5
P9	4	4	4	4	4

