AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Environmental Standards						
Course Code		KİM508		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	6	Workload	148 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To investigate the environmental laws, regulations and standards and comparison of standards in Turkey and the European Union and the World.						
Course Content		Investigation of environmental laws and regulations; Definition and importance of standardization; Subject and aims of standardization; Benefits from standardization; Air quality standards; Water quality standards; Soil quality standards; Food quality standards.						
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	Turkish environmental legislation, publications Environment Foundation of Turkey: second volume
2	Franson M. A. H. (1995), Standard methods, APPA

Week	Weekly Detailed Course Contents	
1	Theoretical	Environment and the environmental problems
2	Theoretical	Turkish environmental law
3	Theoretical	The standardization and necessity
4	Theoretical	Laws and regulations on air quality
5	Theoretical	Standards of air quality
6	Theoretical	Laws and regulations on water quality
7	Theoretical	Standards of water quality
8	Intermediate Exam	Midterm Exam
9	Theoretical	Laws and regulations on soil quality
10	Theoretical	Standards of soil quality
11	Theoretical	Laws and regulations on food quality
12	Theoretical	Standards of food quality
13	Theoretical	The United Nations and European Union environmental standards
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 identify the environment and the environmental problems
2	to be able to recognize the laws and regulations on soil, water and air quality in Turkey.
3	to be able to find out The United Nations and European Union approaches to environmental problems and the laws and regulations.
4	Learning the laws and regulations related to food quality
5	Learning the benefits of environmental standardization

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	3	5	4	4
P2	4	3	5	4	4
P3	4	4	5	4	4
P4	4	4	5	4	4
P5	4	4	5	4	4