



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Science							
Course Code		FBÖ306		Couse Level		First Cycle (Bachelor's Degree)			
ECTS Credit	5	Workload	124 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The purpose of lecture is introducing environment and factors that form the necessary element for environment in which it can be lived. Learning responsibilities about environment pollution, harms and protecting environment							
Course Content		Environment: Historical development of environmental sciences. Human and environment, population and environment, Regional and local environmental problems: Water, soil and air pollution, radioactiv pollution and other pollution resources. Biological species and situation in Turkiye: Flora and Fauna. Endemic animal and plants species in Tukiye, living species under threath, Environmental organizations and activities, environmental education, sustainable development							
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	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Egemen Ö., 2000, Çevre ve Su Kirliliği, Ege Üniversitesi, Su Ürünleri Fakültesi Yayınları
2	Kocataş A., 1996,Ekoloji Çevre Biyolojisi
3	Gündüz T., 1994, Çevre Sorunları
4	Akman Y., 2000, Çevre Kirliliği, Çevre Biyolojisi
5	Şahin.Y. (2002). Ekoloji. Eskişehir. Bilim Teknik Kitapevi
6	Türkiye'nin Biyolojik Zenginlikleri 2005 , Türkiye Çevre Vakfı.

Week	Weekly Detailed Course Contents	
1	Theoretical	Environment: Historical development of environmental sciences
	Preparation Work	Egemen Ö., 2000, Çevre ve Su Kirliliği, Ege Üniversitesi, Su Ürünleri Fakültesi Yayınları
2	Theoretical	Human and environment
	Preparation Work	Gündüz T., 1994, Çevre Sorunları
3	Theoretical	population and environment
	Preparation Work	Egemen Ö., 2000, Çevre ve Su Kirliliği, Ege Üniversitesi, Su Ürünleri Fakültesi Yayınları
4	Theoretical	Regional and local environmental problems: Water pollution.
	Preparation Work	Akman Y., 2000, Çevre Kirliliği, Çevre Biyolojisi
5	Theoretical	Regional and local environmental problems: soil pollution
	Preparation Work	Akman Y., 2000, Çevre Kirliliği, Çevre Biyolojisi
6	Theoretical	Regional and local environmental problems: air pollution
	Preparation Work	Egemen Ö., 2000, Çevre ve Su Kirliliği, Ege Üniversitesi, Su Ürünleri Fakültesi Yayınları
7	Theoretical	Regional and local environmental problems: radioactive pollution and other pollution.
	Preparation Work	Şahin.Y. (2002). Ekoloji. Eskişehir. Bilim Teknik Kitapevi
8	Theoretical	Biodiversity
	Preparation Work	Egemen Ö., 2000, Çevre ve Su Kirliliği, Ege Üniversitesi, Su Ürünleri Fakültesi Yayınları
9	Intermediate Exam	Midterm exam
10	Theoretical	Flora of Turkey Fauna of Turkey
	Preparation Work	Gündüz T., 1994, Çevre Sorunları
11	Theoretical	Animal and plant species are endemic in Turkey
	Preparation Work	Şahin.Y. (2002). Ekoloji. Eskişehir. Bilim Teknik Kitapevi
12	Theoretical	Organizations and activities related to environment



12	Preparation Work	Şahin.Y. (2002). Ekoloji. Eskişehir. Bilim Teknik Kitapevi
13	Theoretical	Environmental education
	Preparation Work	Türkiye'nin Biyolojik Zenginlikleri 2005 , Türkiye Çevre Vakfı.
14	Theoretical	sustainable development
	Preparation Work	Türkiye'nin Biyolojik Zenginlikleri 2005 , Türkiye Çevre Vakfı.
15	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	14	0	1	14
Project	14	0	1	14
Reading	14	0	3	42
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				124
[Total Workload (Hours) / 25*] = ECTS				5

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	be able to learn environment and historical development of environmental science.
2	be able to know pollution resources
3	To understand the biological richness of Turkey
4	be able to know environmental organizations and activities
5	The role of human in environment pollution
6	Environmental pollution and on measures to increase awareness of individual and social

### Programme Outcomes (Science Teacher Education)

1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to gain the competence of using the appropriate approach, strategy, method and technique for the instructional plans to be prepared in the learning process.
3	To be able to gain the skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophy they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter.
7	To be able to become individuals faithful to the Principles and Revolutions of Atatürk, be modern democratic, secular, protecting and developing one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture.
9	To be able to become individuals believing in lifelong learning.
10	To be able to gain the vision of being individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solutions of these problems.

### 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
P1	4	5	5	5	4	4
P4	5	5	5	5	5	5
P7	5	4	5	5	5	5

