



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Science							
Course Code		SBÖ234		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	77 (Hours)	Theory	2	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		Basic ecological concept and principles, ecosystems, nutrient chains, habitat, competition; associate life and mutualist life, soil "biome", energy discharge, circulation of matter, population increase, ecological effect, erosion, urban environments, behavioral pollution, environment pollution, bog and wastewater, reaction of sensitive humans, soil and water resources, protective, culture and pirimitive life, global glance, ecological matter and problems, environment sensitivity, foundation and establishments							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Prerequisites & Co-requisites

Equivalent Course	SBÖ001
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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

Week	Weekly Detailed Course Contents	
1	Theoretical	basic ecological concept and principles
2	Theoretical	ecosystems
3	Theoretical	nutrient chains, habitat, competition
4	Theoretical	associate life and mutualist life
5	Theoretical	soil "biome"
6	Theoretical	energy discharge, circulation of matter,
7	Theoretical	energy discharge, circulation of matter
8	Theoretical	urban environments, behavioral pollution,
9	Intermediate Exam	Midterm Exam
10	Theoretical	environment pollution, bog and wastewater,
11	Theoretical	reaction of sensitive humans
12	Theoretical	soil and water resources
13	Theoretical	soil and water resources
14	Theoretical	ecological matter and problems,
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	0	3	15
Reading	5	2	3	25



Midterm Examination	1	4	1	5
Final Examination	1	0	4	4
Total Workload (Hours)				77
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learning living creatures' relation with surroundings
2	Understanding the importance of factors that form the environment and the relation between these factors
3	Understanding the importance of world for life
4	Learning living creatures' relation with surroundings
5	Understanding the importance of world for life

Programme Outcomes (Social Studies 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 make plans related to the subject-matter and gain the competence of using the appropriate approach, strategy, technique for the plans in the learning process.
3	To be able to gain 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 philosophies 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 educate 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 solution of these problems.

