



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Biology							
Course Code		BYL430		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To teach the value and importance of the environment and to ensure the creation of environmental consciousness.							
Course Content		Value and importance of the environment, environmental consciousness, environmental concept, species concepts and environmental protection, environmental protection and ecosystems, causes and sources of environmental problems, effects of environmental pollution on ecosystems, methods of environmental protection.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)		Lec. Sare İlknur YAVAŞOĞLU, Res. Assist. Fatma BURSALI							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Külköylüoğlu, O. (2009) Çevre ve Çevre (İnsan doğa ilişkileri), Abant İzzet Baysal Üniv. Döner Sermaye Basımevi, ISBN 975-321-017-5.
2	Monique, B.M. and Coppolillo, P. (2005). Conservation, Princeton Univ. Press, ISBN 0-691-04980-7.

Week	Weekly Detailed Course Contents	
1	Theoretical	Environmental concept
2	Theoretical	Value and importance of the environment
3	Theoretical	Goods, function and information value of the environment
4	Theoretical	Intrinsic and financial value of the environment
5	Theoretical	Species concepts and environmental protection
6	Theoretical	Species concepts and environmental protection
7	Theoretical	Environmental protection and ecosystems
8	Theoretical	Causes and sources of environmental problems
9	Theoretical	Causes and sources of environmental problems
10	Theoretical	Soil pollution
11	Theoretical	Air pollution
12	Intermediate Exam	Midterm Exam
13	Theoretical	Genetically modified organisms and environment
14	Theoretical	Biological accumulation: heavy metals
15	Theoretical	Effects of environmental pollution on ecosystems
16	Theoretical	Methods of environmental protection
17	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	2	2	60
Midterm Examination	1	6	1	7
Final Examination	1	6	2	8
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	Able to understand the concept of environment
2	Able to comprehend the value and importance of the environment
3	Able to understand importance of species concepts in environmental protection
4	Able to comprehend causes of environmental problems
5	Able to comprehend sources of environmental problems
6	Able to learn the effects of environmental pollution on ecosystems
7	Able to learn methods of environmental protection

**Programme Outcomes** (*Turkish Language and Literature*)

1	The students can combine acquisitions of Turkish Language and Literature program with information belonging to other disciplines,
2	Students can make the scientific study by himself, develop and implement new approaches to solving problems in the field.
3	The students have the background required for understanding historical texts of Turkish, follow recent studies about Turkish Language and Literature
4	Students use communication technologies as required by the Turkish Language and Literature program, share accumulation in the field with society.
5	The student evaluate theoretical and practical knowledge and skills with critical approach.

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L5	L6	L7
P1	2					
P2		1				
P3			1			
P4				2		
P5					2	1

