AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Biological Richness of Turkey					
Course Code		FBÖ457		Couse Level	First Cycle (Bachelor's Degree)		
ECTS Credit	4	Workload	101 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To enrich Biological Richness in Turkey with examples from daily life and to connect with science and technology teaching curriculum scheduled in 4.and 8 classes.					
Course Content		Turkey's flora and fauna, endemic species, genetic diversity.					
Work Placement		N/A					
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Discussion, Project Based Study, Individual Study				
Name of Lecturer(s)		Prof. Adem ÖZDEMİR					

Assessment Methods and Criteria

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

Recommended or Required Reading

1	DR.AYKUT KENCE (1987). TÜRKİYE'NİN BİYOLOJİK ZENGİNLİKLERİ, TÜRKİYE ÇEVRE SORUNLARI VAKFI YAYINI

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction of the course
2	Theoretical	Turkey's wealth of flora
3	Theoretical	endemic plants
4	Theoretical	rich in endemic plant genera
5	Theoretical	endemic species
6	Theoretical	genetic diversity
7	Theoretical	plant genetic resources situation in our country
8	Intermediate Exam	Midterm
9	Theoretical	plant genetic diversity reducing agents
10	Theoretical	to protect the genetic diversity of plants in Turkey
11	Theoretical	conservation of genetic diversity in terms of geographical regions
12	Theoretical	genetic resources in animal husbandry
13	Theoretical	animal fauna in terms of species diversity status
14	Theoretical	Endangered species: Poster and presentations
15	Theoretical	Endangered species: Poster and presentations
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	0	2	28
Project	14	0	1	14
Reading	13	0	2	26
Midterm Examination	1	1	1	2
Final Examination	1	2	1	3
			Total Workload (Hours)	101
			[Total Workload (Hours) / 25*] = **ECTS**	4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Be able to know biological diversity concept
2	Be able to understand biological diversity in Turkey.
3	Be able to connect 8 with science and technology teaching curriculum scheduled in 4.and 8 classes
4	Environmental pollution and on measures to increase awareness of individual and social.
5	The role of human in environment pollution

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 Ataturk, be modern democratic, secular, protecting and deveoping 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
P1	5	5	5	5	4
P2	4	5	4	4	5
P3	5	5	5	5	4
P4	5	5	4	4	5
P5	5	4	5	5	4
P6	5	5	5	4	5
P7	5	4	4	5	5
P8	5	5	5		5
P9	4	4	4	5	5
P10	5	5		4	5