



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Biological Richness of Turkey							
Course Code		FBÖ408		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	103 (<i>Hours</i>)	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		Plant genetics, animal genetics, plants, forests, national parks, invertebrates, biodiversity of fresh-water, biodiversity of sea, single-celled organisms, reptiles, birds, mammals.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Project Based Study, Individual Study					
Name of Lecturer(s)									

Prerequisites & Co-requisites

Equivalent Course FBÖ457

Assessment Methods and Criteria

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

Recommended or Required Reading

1 lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Plant genetics
2	Theoretical	animal genetics
3	Theoretical	Plants, forests
4	Theoretical	national parks,
5	Theoretical	invertebrates
6	Theoretical	biodiversity of fresh-water
7	Theoretical	biodiversity of sea
8	Theoretical	single-celled organisms
9	Intermediate Exam	Midterm exam
10	Theoretical	reptiles
11	Theoretical	birds
12	Theoretical	mammals
13	Theoretical	Endangered species: Poster and presentations
14	Theoretical	Endangered species: Poster and presentations
15	Final Exam	Final exam

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	14	0	2	28
Midterm Examination	1	1	1	2



Final Examination	1	2	1	3
Total Workload (Hours)				103
[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	2. Be able to understand biological diversity in Turkey.
3	3. Be able to connect 8 with science and technology teaching curriculum scheduled in 4.and 8 classes
4	know biodiversity
5	explain the effect of biodiversity

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
P1	3	3	3
P6	3	4	4
P10	3	4	4

