



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Biodiversity							
Course Code		ÇS003		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Biological richness in Turkey,using for country development,to mobilize of this economical potential determination of condition of these richnesses.Using of these richnessen for medical,forestry,agriculture and industry increming of useful and continuaty of this increning.							
Course Content		Learning Turkey's genetic sources of plants and animals and conservation methods							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Biyoçeşitlilik- CHRISTIAN LEVEGUE
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Week	Weekly Detailed Course Contents	
1	Theoretical	Access to biological richness of Turkey.
2	Theoretical	Genetic sources of plants and animals.
3	Theoretical	Conservation methods for planet genetic sources.
4	Theoretical	Agricultural plants that Anatolaian genetical centered.
5	Theoretical	Some endemic and economic plants of Turkey.
6	Theoretical	Some endemic and economic plants of Turkey.
7	Theoretical	Gymnosperms and Angiosperms.
8	Theoretical	Commen plants formations.
9	Theoretical	Commen plants formations.
10	Theoretical	Forests and National parks of Turkey.
11	Theoretical	Invertebrate and fresh water fauna.
12	Theoretical	Sea fauna and determinated species number.
13	Theoretical	Reptile characteistics.
14	Theoretical	Birds of Turkey and their general characteistics.

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	3	1	4
Final Examination	1	3	1	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	1. Learning of the birds of Turkey and their general characteristics
2	2. Learning of the sea fauna and the determined species numbers
3	3. The development of the biological richnesses in Turkey like agriculture forestry their increased support of the industry and the increingly use of these benefits also in the future
4	4. The possibility of using the full economical potential in Turkey and before all to determine the potential of these richness in the country



5	5. Development of the country to use biological riches of Turkey
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**Programme Outcomes (Physiotherapy)**

1	To be able to recall the information of research methods and statistics so as to follow the developments, monitor and interpret scientific literature
2	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of physical therapy
3	To be able to recall knowledge of the general structure and properties of musculoskeletal system and the joints and to evaluate the story of musculoskeletal diseases.
4	To be able to comprehend the methods of measurement of the range of motion of joints and to measure it.
5	To be able implement a general evaluation of posture analysis and gait analysis.
6	To be able to recall the knowledge about general characteristics of musculoskeletal diseases, osteoporosis, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, especially rheumatic diseases, mechanical low back and neck pain, disc herniation, soft tissue disorders and to apply appropriate physiotherapy.
7	To be able to recall the knowledge and gain skills about the devices and the agents of heater used in physical therapy, indications and contraindications of using, and the necessary information about how to apply on patients.
8	To be able to recall the knowledge of the electromagnetic field.
9	To be able to recall what Elektroakupunktur, Laser, Biofeedback, cervical and lumbar traction systems, pneumatic compression therapy are, and how to apply them, which one is applicable to patients.
10	To be able to recall what manipulation-mobilization is and which patients are suitable for this application.
11	To be able to recall what massage and hydrotherapy treatments are and which patients are suitable for these applications.
12	To be able to gain the professional and ethical awareness, apply gained knowledge and skills in real life situations and transfer gained knowledge to individuals around her/his environment, and improve behavior of life-long learning.
13	To gain knowledge about methods of diagnosis, protection and treatment of diseases
14	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to neurological disorders.
15	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to cardiopulmonary disorders.
16	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to pediatric patients.
17	To be able to gain knowledge about the effects of fitness and exercise on metabolism and responses of body systems to them.
18	To have knowledge about rehabilitation services
19	To become individuals who can do interdisciplinary team work, with a sense of social responsibility and entrepreneur.
20	To be able to recall the knowledge about Atatürk's Principles and the History of Turkish Revolution.
21	To be able to gain the knowledge and ability to become contemporary individuals who can use Turkish language grammar well and know a foreign language knowledge necessary to follow the developments in the profession.

**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	1	1	1	1	1

