



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		The Protection Of Nature							
Course Code		ÇS071		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Human impact on biological sysytem of is gradually increase today. Many plant and animal species, having thousands of important gene combination, are threatened by extinction risk. The Nature Conservation course aims to gain knowledge about threats for wild life and to gain awereness for conservation the wild life.							
Course Content		Çevre ile ilgili konular, terimler ve kavramlar, biyolojik çeşitlilik kavramı, çeşitliliğin kökeni ve biyolojik çeşitliliğin ölçülmesi, biyolojik kaynakların ekonomik, ekolojik ve etik değeri, biyolojik çeşitliliği tehdit eden etkenler iucn'in tehdit altındaki tür kategorileri, koruma biyolojisinin genetik temeli, koruma stratejileri, özel koruma bölgeleri oluşturulması ve bu alanların yönetimi, canlıların doğal ortamları dışında korunması, ekosistemlerin restorasyonu, doğal kaynakların sürdürülebilir kullanımı ve korunmasının ulusal ve uluslar arası boyutları, koruma biyolojisinin farklı bakış açılarıyla yorumlanması.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Primack, R. B., Essentials of Conservation Biology, 5th ed., Sinauer Assoc., ISBN 978-0-87893-637-3, 2010
2	Spellerberg, I.F., Concervation Biology, Longman Grpup Ltd., 1996.
3	Sohdi, N.S & Ehrlich, P.R., Conservation Biology for All, Oxford University Press, 2010.

Week	Weekly Detailed Course Contents	
1	Theoretical	Themes, terms and concepts of environmental
2	Theoretical	The origins of conservation, measuring biological diversity
3	Theoretical	Ecological, economics and ethical values of biological resources
4	Theoretical	Threats to biological diversity (extinction, habitat destruction)
5	Theoretical	Threats to biological diversity (global climate change)
6	Theoretical	Threats to biological diversity (overexploitation, invasive species, disease), IUCN Red List of Threatened Species
7	Theoretical	The genetic basis of conservation biology
8	Intermediate Exam	The genetic basis of conservation biology
9	Theoretical	Conservation strategies; conservation of species and populations
10	Theoretical	Conservation of habitats, communities and ecosystems
11	Theoretical	Designing and managing the protected areas
12	Theoretical	Ex situ conservation (zoos, aquaria, botanic gardens, breeding centres)
13	Theoretical	Restoration of the ecosystems
14	Theoretical	An international approach to conservation and sustainable development

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	2	1	3



Final Examination	1	4	1	5
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

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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 to 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	L6	L7	L8
P1	1	1	1	1	1	1	1	1

