



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	70

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	Midterm Exam
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
15	Theoretical	Conservation biology in perspective (politic, economics, legislation, education)

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 (Medical Imaging Techniques)

1	To be able to get information the working principles of Radiology, Nuclear Medicine and Radiotherapy devices, and distinguish their components, use these devices in accordance with operating instructions.
2	To be able to perform the procedures in accordance with the examination of Radiology and Nuclear Medicine imaging .
3	To be able to apply the radiotherapy treatment, planned by radiation physicist with instruction of radiotherapist.
4	To be able to develop and perform the film printing of the images that obtained by imaging techniques of Radiology, Nuclear Medicine
5	To be able to evaluate the images that obtained by imaging techniques of Radiology, Nuclear Medicine in terms of radiographic quality and takes the necessary measures.
6	To be able to know the medical and radiologic terminology, and pronounce and use them correctly
7	To be able to take the necessary measures in accordance with the rules of Radiation safety and protection from radiation, and apply them.
8	To be able to distinguish the anatomical structures on images, obtained by the conventional and cross-sectional imaging techniques of Radiology, Nuclear medicine.
9	To be able to communicate well with patient, their family and the hospital staff.
10	To be able to move with own professional duties, powers and responsibilities of the consciousness and apply the rules of professional ethics.
11	To be able to adapt to a multi-disciplinary team work.
12	To be able to have a basic knowledge of human physiology.
13	To be able to distinguish anatomical structures.
14	To be able to establish a cause-and-effect relationship between events.
15	To be able to have the ability of analytical thinking and problem solving.
16	To be able to apply the basic principles of first aid.
17	It has basic knowledge about human anatomy
18	Understanding the basic concepts and principles of physics while providing, in the medical field and in particular medical imaging students better understand the issues involving technical vocational courses
19	OHS 'basic concepts; work accidents, occupational diseases, occupational physicians, occupational safety specialist, İSGB, OSGB, hazard classes, risk assessment, OHS employee representatives is
20	Have basic knowledge about basic medical practices and makes applications

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
P9						2		
P10			2					
P11								5
P13					4			
P14				5			5	
P20	1	3						

