

CONSERVATION NATURE AND BIODIVERSITY

1	Course Title:	CONSERVATION NATURE AND BIODIVERSITY
2	Course Code:	BYL4026
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	8
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. GÜRCAN GÜLERYÜZ
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Prof. Dr. Gürcan Güleriyüz Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Görükle kampüsü, 16059 Bursa 0224 2941799, e-posta: gurcan@uludag.edu.tr
17	Website:	
18	Objective of the Course:	This course aims to explain the environmental problems that the mankind face and new approaches, natural resources, ecological balance, the approaches required in the natural conservation, the conservation of species and community, island biogeography theory; learn the definition and their lawful bases of conservation sites, and also the conservation sites established in Turkey; the multiple-target used ways and ecological stress; the definitions the environmental law, economy and policy, Environmental Impact Assessment (EIA) reports and their preparing methods.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Explains the Sustainable Societies, Balanced World Model concepts.
	2	Explains the human population rising and its's effects on nature.
	3	Explains the relationships between population rising and ecological problems.
	4	Relating the population rising and sustainable use of natural sources.
	5	Explains the biodiversity concept and it's importance.
	6	Explains the importance of National parks, Nature Conservation Sites, Natural Monument and Nature Parks.
	7	Explains the environmental conservation and environmental management concepts in terms legal system.
	8	Explains the Environmental Impact Assessment (EIA) used for environmental management plannings.
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21	Course Content:			
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Week	Theoretical	Practice		
1	Traditional and Sustainable Societies, Balanced World Model, Natural Resources			
2	Population rising and Urbanization, Urban Developing			
3	Ecological problems of Human; Agricultural and Food problems, Energy problem.			
4	Environmental Pollution			
5	Nature Conservation;Ecological Balance, Pollution Prevention			
6	Population Rise and it's balanced, Sustainable Use of Natural Resources			
7	Repeating courses and midterm exam			
8	Biodiversity and Conservation, The conservation of Species and Community, Island Biogeography Theory			
9	Goods and Services of Biodiversity, Exploitation of Biodiversity			
10	Conservation of Natural sites (National parks, Nature Conservation Sites, Natural Monument and Nature Parks)			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Hazard Limits and Risk Analysis			
Practicals/Labs				
Self study	Year and multiple target used ways and ecological			
Homeworks				
13 Projects	Environmental Impact Assessment (EIA), Stages of Environmental ImpactAssessment			
Field Studies				
Midterm Exams	Assessment (EIA)			
Others				
Final Exams	Materials: GÜLER YÜZ G KOCATAS A. (1992) Ekoloji - Çevre Biyolojisi Ege Ün			
Total Work Load				
Total work load/ 30 hr		YIGİT A ve ark. (2002) Çevresel Etki Değerlendirme (ÇED), Klavuz Paz. Tic. Ve San. Ltd. Sti. Ankara 2002		
ECTS Credit of the Course				4.00
		Conservation: ecological guidelines for determining priorities for nature conservation. Chapman and Hall., London 1995 Cairns Jr J and Heckman JR (1996). Restoration Ecology: The State of an Emerging. Field. Annu. Rev. Energy Environ 21:167-189 Knops J. M. H., Bradley K. L. and Wedin D. A. (2002) Mechanisms of plant species impacts on ecosystem nitrogen cycling. Ecology Letters, 5: 454-466 Burger UJ (2000) Landscapes, tourism, and conservation. The Science of the Total Environment 249(1-3): 39-49 Brofas G. and Vareliades C. (2000). Hydro-Seeding And Mulching For Establishing Vegetation On Mining Spoils In Greece. Land Degradation & Development 11: 375-382		
23	Assesment			

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam		60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24 ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	4	4	0	5	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	5	4	0	5	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0
ÖK7	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	5	0	0	5	0	0	0	5	4	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							