ENVIRONMENTAL EDUCATION

1	Course Title:	ENVIRONMENTAL EDUCATION	
2	Course Code:	FEN4403	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	3.00	
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:	Doç. Dr. YETER ŞİMŞEKLİ	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	ysimsekli@uludag.edu.tr, 2942290, U.Ü.Eğ.Fak.FBE ABD	
17	Website:		
18	Objective of the Course:	Basic concepts in ecology, forms of common life, population, community and ecosystem concepts, substance and energy circulation in ecosystems, ecological problems and solutions for this problems.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Understand the environment and ecology
		2	Learn the basic concepts in ecology
		3	Learn the abiotic and biotic factors
		4	Know population and properties
		5	Know communite and properties
		6	Know ecosystem and properties
		7	Understand the energy flow and material cycle in ecosystem
		8	Learn the large ecosystems
		9	Learn the environmental problems
		10	Discussed solutions to environmental problems

21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Definition of the science of ecology, the historical development of ecological science,	
2	Some basic concepts in ecology	
3	Environmental factors, abiotic factors	
4	Environmental factors, biotic factors	

5	Population and properties	
6	Community and properties	
7	Ecosystem and properties	
8	Ecosystem and properties Mid-term exam	
9	Ecosystem functions, energy flow, material cycle	
10	Distribution of large ecosystems and on earth, terrestrial ecosystems	
11	Environmental problems	
12	Environmental pollution problem	
13	Solutions to environmental problems	
14	Prevention of environmental pollution, conservation of biological diversity, protection of natural areas.	

22	Textbooks, References and/or Other Materials:	1-Kışlalıoğlu M., Berkes F., Çevre ve Ekoloji. Remzi kitabevi 1993. 2-Keleş R., Hamamcı C., Çevrebilim. İmge kitabevi yayınları 1998. 4-Yıldız K., Sipahioğlu Ş., Yılmaz M., Çevre Bilimi. Gündüz eğitim yayıncılık 2000 6-Akman Y., ketenoğlu O., Kurt L., Evren H., Düzenli S., Çevre Kirliliği (Çevre Biyolojisi) Palme Yayıncılık, Ankara, 2000. 7-Turgut N., Çevre ve Yurttaşlar. Savaş yayınları 1993. 8-Worldwatch Enstitüsü Raporu, Dünyanın Durumu 2000. Tema Vakfı Yayınları. 12-Güney E., Çevre Sorunları. Hatiboğlu Basm ve yayın. 16-Kocabaş A., EKOLOJİ Çevre Biyolojisi, Ege Üniversitesi basımevi, İZMİR. 17-Özdemir Ş., Temel Ekoloji Bilgisi ve Çevre Sorunları, Hatiboğlu yayınları, 1997, ANKARA. 19-Dinçer M., Çevre Gönüllü Kuruluşları, Türkiye Çevre Vakfı yayını. 20-Çevre Bilimi, Editör:Y. Şimşekli, Lisans Yayıncılık, 2005, İstanbul .
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	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**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	4.00	56.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	9.00	9.00
Others	0	0.00	0.00
Final Exams	1	13.00	13.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			3.00

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	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	5	0	0	0	0	0	0	0	0	0	0	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**						