

BALIKESİR ÜNİVERSİTESİ
MÜHENDİSLİK FAKÜLTESİ
ÜNİVERSİTE SEÇMELİ DERS TANITIM FORMU

Bölüm / Anabilim dalı	Environmental Engineering					
Dersin Adı	USD0000- Environmental Risk Factors					
Dersin Yarıyılı	Güz ☐			Bahar ☒		
Dersin Dili	Türkçe ☒			İngilizce ☐		
Dersin Kredisi	Teorik 2		Uygulama		Toplam Kredi 2	
Dersin AKTS	3					
Dersin Öğrenim Türü	University elective			Normal Education		
Dersin Amacı	To learn the sources of environmental risk factors, their effects on the environment and public health, and to have information about protection studies. To produce solutions in the light of science to prevent or reduce adverse conditions that may threaten the environment and human health.					
Dersin İçeriği	The course content is to recognize the effects of various pollutants from industrial, domestic, agricultural, radioactive, mining, noise and air pollution on the environment and human health, to raise awareness about them and to offer solution suggestions..					
Dersin Önkoşulları	There is no prerequisite for the course.					
Dersi Verenler	Doç.Dr.Elif Özmetin			mail : eozmetin@balikesir.edu.tr		
Dersin Yardımcıları	-			mail :		
Dersin Staj Durumu	-					
Ders Kaynakları	1-Lippmann, M., Enviromental Toxicants, (2000). 2-Resnik, D.B., Enviromental Health Ethics, (2012) 3-Çevre, Şehircilik ve İklim Değişikliği Bakanlığı, Regulations					
Dersin Yapısı	Üniversite Seçmeli Ders					
Planlanan Öğrenme Aktiviteleri ve Metodları	Teorik anlatım, ara sınav, final sınavı					
Ders Değerlendirme Ölçütleri			Ders AKTS Hesaplama İçeriği			
Yarıyıl Çalışmaları	Sayısı	Katkısı (%)	Etkinlik	Sayısı	Süre	Toplam İş Yükü(Saat)
Ara Sınav	1	40	Ders Süresi	14	2	28
Kısa Sınav			Sınıf Dışı Çalışma Süresi	0	2	
Ödev			Ara Sınavlar	1	1	1
Devam			Yarıyıl Sonu Sınavı	1	1	1
Uygulama			Toplam İş Yükü :30			
Proje			AKTS Kredisi :3			
Yarıyıl Sonu Sınavı	1	60				
Dersin Öğrenme Çıktıları	1. Learns the risks arising from air pollution-related pollutants. 2. Learns the risks caused by water pollution and ways to reduce them. 3. Learns the risks and solution suggestions caused by soil pollution.					

	4. Recognize the effects of industrial, domestic, agricultural and mining-related pollutants on health. 5. Learns about diseases caused by environmental risk factors.		
Ders Konuları			
Hafta	Konu	Ön Hazırlık	Dökümanlar
1	Introduction of the course and explanation of its scope		
2	The impact of domestic waste on the environment		
3	Impact of industrial waste on the environment		
4	Health effects of air pollutants		
5	Effects of agricultural pollutants		
6	Effects of mines on the environment and human health		
7	Effect of noise sources on the environment and humans		
8	Effects of nuclear power plants on the environment and humans		
9	The impact of hydroelectric and wind power plants on the environment		
10	Environmental impacts of the oil industry		
11	The impact of solid and medical waste on the environment		
12	Diseases caused by environmental risk factors		
13	Regulations used to reduce environmental risk factors		
14	Recommendations to reduce the impact of environmental risk factors		
Dersin Program Çıktılarına Katkısı			