ENVIRONMENTAL ENGINEERING AND PUBLIC HEALTH

1	Course Title:	ENVIRONMENTAL ENGINEERING AND PUBLIC HEALTH	
2	Course Code:	CEV2108	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	4	
7	ECTS Credits Allocated:	2.00	
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. EFSUN DİNDAR	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Bursa Uludağ Üniversitesi Çevre Müh. Bölümü efsun@uludag.edu.tr 02242940919	
17	Website:		
18	Objective of the Course:	Before graduating from environmental engineers, it is the understanding of basic health issues, employee health, diseases and risks that may arise due to environmental pollution and how to approach these problems in terms of environmental engineering.	
19	Contribution of the Course to Professional Development:	As knowledge about the basic concepts of environmental health, it should be how the human and environmental engineering approach for assessing the current relationship between health will meet the needs of the clutch	
20	Learning Outcomes:		
		1	Students have information about environmental pollution and health effect caused by environmental pollution.;
		2	Students learn how environmental engineering approaches should be against environmental pollution diseases that employees and the public may be exposed to, take responsibility and learn to have a principle
		3	Students learn the factors effecting human health, and protective and social medicine approachment.
		4	Students learn the duties, authorities and responsibilities of the people involved in the Environmental Legislation
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21	Course Content:		
	Course Content:		
Week	Theoretical	Practice	

1	Introduction to environmental health, definition of healthy people and healthy environment	
2	Environmental factors affecting human health, protective and social medicine approach	
3	Environmental Epidemiology	
4	Climate change and environmental health	
5	Pandemic and relationship with environmental pollution	
6	Transport and transmission ways of infectious diseases	
7	Food safety-environment relationship	
8	Guest speaker- Health Impact Assessment	
9	Water sanitation	
10	Effects of air pollutants on human and environmental health	
11	Protective measures in environmental health, environmental health-related organizations in the world and Turkey	
12	Guest speaker- The effect of environmental pollution on the relationship between food safety and public health	
13	Approaches and responsibilities of problems 2 Student presentations	
14	Textbooks-References and/or Other	Güler, Ç. 2012. Çevre Sağlığı (Çevre ve Ekoloji Bağlantılarıyla) 3.Cilt. ISBN: 978-605-4445-33-6 yayıncılık, Ankara.Güler, Ç. 2012. Çevre Sağlığı (Çevre -Halk Sağlığı Temel Bilgiler, Prof. Dr. Münevver BERTAN, Doç.Dr. Çağatay GÜLER. ISBN: 975-7467-26-X. 1995 KARPUZCU, Özal Matbaası, İst. 1996

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	7	1.00	7.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	15.00	15.00
Total Work Load			60.00
Total work load/ 30 hr			2.00
ECTS Credit of the Course			2.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	30.00
Quiz	0	0.00
Home work-project	1	10.00
Final Exam	1	60.00
Total	3	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	In order to measure the achievements of the course, active participation of students is ensured through teamwork and individual homework / project researches throughout the year. Whether the outcomes of the course are met or not is measured with the exams held during the year and at the end of the year.

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	0	0	0	4	4	4	4	0	5	0	0	0	0	0
ÖK2	0	0	0	0	0	4	4	4	4	0	5	0	0	0	0	0
ÖK3	0	0	0	0	0	4	4	4	4	0	5	0	0	0	0	0
ÖK4	0	0	0	0	0	5	4	4	4	4	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**			