

Course Title-Course Code:					Name of Programme:				
ENV 503 ENVIRONMENTAL GEOLOGY					ENVIRONMENTAL SCIENCES				
Semester	Teaching and Learning Methods (Hours per Semester)							Credits	
	Lecture	Recite	Lab.	Projects	Term paper	Other	Total	Basic Credit	ECTS Credit
1-2	42				100	46	188	3	7,5
Language	Turkish								
Compulsory / Elective	Optional								
Prerequisites	-								
Course Contents	Introduction to environmental geology. Rocks and minerals. Soils and environment. Earthquake and environmental impacts. Mass movement and environmental impacts. Surface and groundwater pollution. Impacts of mining activities. Energy resources and environmental impacts. Waste disposal and environmental impacts. Medical geology and Environmental health. Land-use , sanitary land-fill planning and geology.								
Course Objectives	This course tells the importance of environmental geology, theoretical and practical information about groundwater contamination.								
Learning Outcomes and Competences	After this course students can attend environmental geology projects with help of theoretical and practical information of this course.								
Textbook and /or References	Environmental Geology . Carla W Montgomery., Mc.Graw Hill, 2003 Environmental Geology . Edward A.Keller., Prentice, Hall, 2000 Tıbbi jeoloji, Eşref Atabey., Jeoloji Mühendisleri Odası, 2005								
Assessment Criteria								If any, mark as (X)	Percent (%)
	Midterm Exams							X	30
	Quizzes								
	Homeworks								
	Projects								
	Term Paper							X	20
	Laboratory Work								
	Other							X	10
	Final Exam							X	40
Instructors	Prof.Dr. Nail ÜNSAL								
Week	Subject								
1	Introduction to environmental geology								
2	Rocks								
3	Minerals								
4	Soils and environment.								

5	Earthquake and environmental impacts
6	Mass movement and environmental impacts.
7	Quiz
8	Surface and groundwater pollution
9	Impacts of mining activities
10	Energy resources and environmental impacts.
11	Waste disposal and environmental impacts.
12	Medical geology and Environmental health
13	Land-use, sanitary landfill planning and geology
14	Quiz