

BALIKESIR UNIVERSITY
ENGINEERING FACULTY
UNIVERSITY ELECTIVE COURSE PROPOSAL FORM

Department/Program	Geological Engineering/Applied Geology					
Course Unit Title	Disasters and Disaster Management					
Semester	Fall ☒			Spring ☐		
Language	Turkish ☒			English ☐		
Credit	Theoretical: 2		Application: 0		Total Credits: 2	
Number of ECTS Credits	3					
Course Learning Type	University Elective			Formal Education		
Objective of Course	Lesson; It aims to guide students in awareness and decision-making processes on issues related to disaster, disaster types and disaster management.					
Course Content	General concepts about disasters and disasters; the importance of reducing hazard, risk and vulnerability; What needs to be done regarding disaster management; Information about natural dangers in our country; Project studies on disaster management.					
Prerequisites	No prerequisites					
Name of Lecturer	Res. Asst. Dr. Samet BERBER			mail: sametberber@balikesir.edu.tr		
Asistants	-					
Internship	-					
Resources	Özdikmen, T. (2014). Afet ve acil durum yönetimi. Ankara: Seçkin Yayıncılık.					
Type of Course Unit	Science					
Planned Learning Activities and Teaching Methods	Theoretical lecture, Midterm exam, Final exam					
Assessment methods and criteria			ECTS allocated based on student workload			
In-term Studies	Quantity	Percentage (%)	Activities	Quantity	Duration	Total workload (Hours)
Midterms	1	40	Course Duration	14	2	28
Quizzes			Off the class study hours	0	2	0
Assignment			Midterms	1	2	2
Attendance			Final exams	1	2	2
Practice			Total workload (hours): 32			
Project			Number of ECTS Credits: 3			
Final Exam	1	60				
Learning outcomes	Explains the concepts of disaster, hazard and risk. Provides information about disaster types. A general evaluation is made about the types of disasters we may encounter in our country. Information is given about what needs to be done before, during and after the disaster. An evaluation is made regarding the effects of disasters on society. Analyzes how disaster management should take place.					
Weekly Detailed Course Contents						
Week	Topic		Prerequisites		Resources	
1	Introduction					
2	Basic terms					
3	Historical process of disasters					

4	Types of disaster		
5	Types of disaster		
6	Types of disaster		
7	Types of disaster		
8	Effects of Disasters on Community Mental Health		
9	Direct and indirect economic impacts of disasters		
10	Work to be done before, during and after the disaster		
11	Work to be done before, during and after the disaster		
12	Disaster management cycle, disaster terminology		
13	Coordination in disaster management, emergency and disaster coordination centers		
14	General evaluation of the course		
Contribution of the Course to Program Outcomes			