

GENERAL GEOLOGY

1	Course Title:	GENERAL GEOLOGY	
2	Course Code:	AYHZ107	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. İsmail Hakkı Uğurtaş	
15	Course Lecturers:	Yrd.Doç.Dr. M. SABRİ DİRİM	
16	Contact information of the Course Coordinator:	sbabayigit@uludag.edu.tr Telefon: +90 (224) 841 24 39 Adres: Uludağ Üniversitesi Büyükorhan Meslek Yüksekokulu, Orhan Mah., Dr. İbrahim Öktem Cad., No: 28, 16990 Büyükorhan/Bursa	
17	Website:		
18	Objective of the Course:	Giving informations about basic principles of geology and use this knowledge to solve problems about natural resources and agricultural production.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Having basic knowledge on geology and analyze potential problems.
		2	Having knowledge of the structure and its generation of planet earth.
		3	Being able to identify landforms and their relations between natural forces.
		4	Rock and minerals allows the properties, their specifications and their roles on soil production.
		5	Gain information about engineering properties of rock and earth mass,
		6	Gain skills and knowledge to produce solutions to the problems related to natural resources
		7	
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Introduction; Definiton and the history of geology		

2	General specifications of the planet earth.	
3	Minerals	
4	Physical and chemical properties of minerals	
5	Rocks; Magmatic, sedimentary and metamorphic rocks	
6	Rocks; Magmatic, sedimentary and metamorphic rocks.	
7	Weathering and soil formation events	
8	Geological periods and maps	
9	Mid-term exam	
10	Epirogenic and orogenic movements	
11	Earthquakes and natural disasters	
12	Usage and management of natural resources	
13	Carst Landforms	
14	Environmental impact assessment	

Activities	Number	Duration (hour)	Total Work Load (hour)
23. Assessment			
Theoretical	14	3.00	42.00
TERM LEARNING ACTIVITIES	NUMBER	WEIGHT	
Practicals/Labs	0	0.00	0.00
Self study and preparation	1	42.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	5	5.00	25.00
Mid term exams	2	18.00	18.00
Others	0	0.00	0.00
Success Grade Final Exams	1	25.00	25.00
Total Work Load			152.00
Total work load/ 30 hr	100.00		5.07
ECTS Credit of the Course			5.00
Course			

[illegible]

ÖK4	3	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0
ÖK5	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	3	3	0	0	0	0	3	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							