	GENERAL GEOI	OGY	AND SOIL INFORMATION							
1	Course Title:	GENER	AL GEOLOGY AND SOIL INFORMATION							
2	Course Code:	AYHZ 107								
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):	2.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	2								
11	Prerequisites: None									
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	face							
14	Course Coordinator:	Dr. Ögr.	Üyesi MEHMET SABRİ DİRİM							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü 16059 Görükle Kampüsü, Nilüfer/Bursa Tel: 0-224-2941537 E-posta: sdirim@uludag.edu.tr								
17	Website:									
18	Objective of the Course:	Giving information about the basic principles of geosciences and soil science. Being able to use this knowledge to solve problems about natural resources and wild life								
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 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:									
		Co	ourse Content:							
Week	(Theoretical Practice									

1	Intro gene	roduction; Definiton, history of geology and neral specifications of the planet earth									Genesis of the planet (Powerpoint presentation)										
2	Mine prop	nerals; their physical and chemical operties.									Introduction to cyrstal shapes										
3	Rock meta	cks; Magmatic, sedimentary and etamorphic rocks									Introduction to minerals part										
4	Diss prog	olutio ress	on effe	ects, s	oil ge	neratio	n and		Intr	Introduction to minerals part											
5	Facto	ors a	affect	soil ge	nerati	ion			Intr	Introduction to rock samples											
6	Clay	mine	erals						Intr	Introduction to rock samples											
7	Soil	profil	le and	horiz	on				Fie	Field observation											
8	Phys	sical	prope	rties c	of soil				Soi	Soil sampling											
9	Mid-1	term	exam	)					Intr sec	Introduction to topographic and geologic maps and cross sections											
10	Cher	nical	l prop	erties	of soi	I			Tex	Texture analysis											
11	Soil	Clas	sificat	ion					Intr	oduct	ion to r	minerals	s and ro	ocks							
12	Geol epyro	logic: ogen	al time nical a	e sequ nd orc	ience: genic	s and r al mov	naps, vemen	ts	Teo	chnica	l trip to	o mine s	sites								
13	Earth mana	Earthquakes and natural disasters, management and usage of natural resources									Introduction to earthquakes										
14	Cars	tic fo	ormati	ons					Teo	chnica	l trip to	o carstic	areas								
22	Text	Fextbooks, References and/or Other								Dirim, M. S., "Jeoloji Ders Notları". U. Ü. Zir.											
Activites							1	Numb	er		Dura	Duration (hour) Total Wor Load (hou									
Theore	Theoretical							19	19ຄຸລ.Toprak Bilgisi. Çukອາອິສລ Univer					rsitesi,	Zigaat						
Practic	Procticals/Labs								_IEal 1	<u>cültesi</u> 4	<u>si Ders Kitabı Nd<sup>.</sup> 34 Adana Kantarı</u> 2 00					CL M D 2000					
Self study and preparation									Ya	Yayınları, I.U. Yayın No: 426					, O.F. Yayın No:462,						
Homoworks									lista	lstanbul.							00				
								0				0.00			0.00						
Field S		2							4				5.00	5.00 20			20.00				
Midter										4			22.00	22.00			22.00				
Midtern	idierm Exam 1							30!	00			22.00			0.00						
Einel E												24 00			24 00						
	Home work-project 0							lod	0			24.00	150.00								
																T50.00					
Total w									100	00						5.00					
Succes	ss Gra	ade		urse		<del>go.</del>			L.	••						5.00					
Contribution of Final Exam to Success Grade								60.	60.00												
Total								100	100.00												
Measu Course	remer e	nt an	d Eva	luatio	n Tec	hnique	s Use	d in th	е												
24 ECTS / WORK LOAD TABLE																					
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																					
	F	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16				
ÖK1	3	3	3	0	0	3	0	0	0	0	0	0	0	<b>3</b> 0	0	0	0				

ÖK2	3	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK3	3	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK4	3	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK5	3	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK6	3	3	0	0	3	0	3	0	3	4	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:				2 low 3 M			Medi	um	4 High			5 Very High				