	INOR	GANIC	CHEMISTRY I						
1	Course Title:	INORGA	NIC CHEMISTRY I						
2	Course Code:	KIM2007	,						
3	Type of Course:	Compuls	ory						
4	Level of Course:	First Cyc	le						
5	Year of Study:	2							
6	Semester:	3							
7	ECTS Credits Allocated:	5.00							
8	Theoretical (hour/week):	4.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	There is	no course prerequisite.						
12	Language:	Turkish							
13	Mode of Delivery:	Face to f							
14	Course Coordinator:		Veysel Turan Yılmaz						
15	Course Lecturers:	Yok							
16	Contact information of the Course Coordinator:	vtyilmaz@uludag.edu.tr 02242941749							
17	Website:								
18	Objective of the Course:	To teach the basic concepts and use these concepts in Inorganic chemistry.							
19	Contribution of the Course to Professional Development:	Make use of theoretical and practical knowledge acquired in the field of Inorganic chemistry.							
20	Learning Outcomes:								
			Knows the structure of the atom						
		2	Use the periodic chart,						
		3	Examine the general properties of elements						
		4	Examine the types of chemical bonding						
		 Determine the symmetry elements and groups of buildings, Suppose the symmetry elements and groups of buildings, 							
		6	Examine theories explaining the structure and shape of the molecules,						
		7							
		8 9							
		-							
21	Course Content:	10							
21		<u> </u>	urse Content:						
Week	Theoretical	00	Practice						
1	Atomic structure								
2	Many-electron structures,								
	Periodic properties of elements								
3	Atom and ion size, ionization energy affinity, and polarisation	, electron							

4	Electro	negativ	vitv Di	pole r	nomen	t. met	allic											
	charact	er																
5	Bond ty charge	vpes, th	ne oxic	dation	step, t	he for	mal											
6	Lewis formulas, resonance, metallic bond																	
7	Symme operation				symme	try												
8	Symme charact			tion of	f transa	action	S,											
9	Repetit	ion of p	oreviou	us les	sons a	nd mie	dterm											
10	Symme chirality		l polar	rizatio	n, sym	metry	and											
11	Lewis t	heory,	the Oo	ctet R	ule													
12	The thr rule	ust of t	he val	ence	shell el	ectror	n pair											
13	Valence	e-bond	theor	y, Hyb	oridity													
14	Molecular orbital theory																	
22	Textbo Materia		eferen	ces ar	nd/or C	ther												
23	Assesn	nent																
TERM L	EARNIN	IG ACT	IVITIE	S		ľ		EW	EIGHT									
Midtorn	n Evom						۲ ۱	1	10.00									
Activites								Numb	ber		Dura	ation ((hour)	Total Work Load (hour)				
Finædne	kiaal					ŕ	1	6	11 6 10			4.00	4.00			56.00		
Practic	als/Labs	;							0			0.00			0.00			
Sentsilo	udljænelf	p repe r	aticar)	Learr	ning Ac	tivities	s to	4	19 0			4.00			56.00			
Homew	vorks								0			0.00			0.00			
FRITH	sution of	Final E	xam t	o Suc	cess G	Grade		6	9 <u>00</u>		0.00			0.00				
Field S	tudies								0			0.00		0.00				
Mietaeur	the memory and Evaluation Techniques Used in the M															20.00		
Others												0.00			0.00			
Final E	Exams									120.00					20.00			
	tal Work Load														172.00			
	otal work load/ 30 hr														5.07			
ECTS	Credit of	the Co	ourse												5.00			
25			CON	ITRIE	BUTIC	ON O			NING ALIFIC		COME ONS	S TO I	PRO	GRAM	ME			
	PQ	1 PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16		
ÖK1	5	5	5	3	4	3	4	1	1	2	3	4	2	0	0	0		
ÖK2	5	5	5	3	4	3	4	1	1	2	3	4	2	0	0	0		
ÖK3	5	5	0	3	4	3	4	1	1	2	3	4	2	0	0	0		
ÖK4	3	3	3	3	3	3	4	1	1	2	2	2	2	0	0	0		
					I	1	1			I	I	I	I	1	1	I		

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