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YOZGAT BOZOK UNIVERSITY FACULTY OF ARTS AND SCIENCES CHEMISTRY DEPARTMENT COURSE PLAN

Cours Code		Semes ter	Course Type (C/E)	T+A+L (Time/Week)	Credi t	ECT S	Course Language		
KİM22	3 Inorganic Chemistry I	Fall	C	4+0+0		6	Turkish		
		COURSE	INFORMA	ΓΙΟΝ					
Course Catalog Description (Content)		Electron structure of atom, molecular structure, covalent bond, ion and metal bond, interactions between particles, acids and bases.							
The Ai	m of the Course	To provide students with sufficient knowledge about the basic principles of Inorganic Chemistry.							
Course	e Level	Bachelor de	gree						
Course	e Language	Turkish							
Teachi	ng method	(X) Formal	() Online	e () Mixed/Hyb	rid				
Teachi	ng Staff of the Course	Prof. Dr. Mu	stafa SAÇM	ACI					
Prereq	uisite Course(s) of the								
Learning Outcomes from the Course		1-Knows the electronic structure of the atom and the interaction of matter with light.							
		2-Defines molecular shapes using symmetry elements and point groups.							
		3-Explains c	hemical bor	nds and molecula	r orbital t	heory.			
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		4-Defines the	e effects of	intermolecular int		•			
		4-Defines the	e effects of			•			
		4-Defines the	e effects of	intermolecular int		•			
Week	Theory	4-Defines the	e effects of income effects of	intermolecular int	eractions	•			
Week 1	Introduction to Inorganic Chemi	4-Defines the 5-Knows var	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
		4-Defines the 5-Knows var	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
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1 2	Introduction to Inorganic Chemic Atomic Structure	4-Defines the 5-Knows var CC stry	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
1 2 3	Introduction to Inorganic Chemic Atomic Structure Atomic Structure	4-Defines the 5-Knows var CC stry	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
1 2 3 4	Introduction to Inorganic Chemic Atomic Structure Atomic Structure Atomic Structure and Periodic I	4-Defines the 5-Knows var CC stry	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
1 2 3 4 5	Introduction to Inorganic Chemic Atomic Structure Atomic Structure Atomic Structure and Periodic I	4-Defines the 5-Knows var CC stry	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
1 2 3 4 5	Introduction to Inorganic Chemic Atomic Structure Atomic Structure Atomic Structure and Periodic I Atomic Structure and Periodic I Bonding Theories	4-Defines the 5-Knows var CC stry	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
1 2 3 4 5 6 7	Introduction to Inorganic Chemic Atomic Structure Atomic Structure Atomic Structure and Periodic I Atomic Structure and Periodic I Bonding Theories Bonding Theories	4-Defines the 5-Knows var CC stry	e effects of income effects of	intermolecular int ase concepts ITENT	eractions	•			
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Final Exam

Course Learning Resources

- Tunalı, N.K., Özkar, S. 2005; İnorganik Kimya, Ankara, Türkiye.
 Kaya, C. 2008; İnorganik Kimya 2, Ankara, Türkiye
 Poterfield,W. W. 1984; Inorganic Chemistry, USA

ASSE	COM	IENT	CRIT	ΓERIA
ASSE	JOUIN		CRI	ICNIA

Work Activities During the Semester	Number	Contribution
Homework	1	%30
Practice		
Forum/ Discussion Application		
Short Exam (Quiz)	2	%35
Ratio Of Semester Studies To Semester Success (%)		%40
Ratio of Final to Success (%)	1	%60
Total		%100

COURSE WORKLOAD TABLE

Activity	Total Weeks	Duration (Weekly Hours)	Total Workload
Theory	14	4	56
Practice			
Forum/ Discussion Application			
Reading	4	8	32
Internet Scanning, Library Study	14	2	28
Material Design, Application			
Report Preparation			
Presentation Preparation			
Presentation			
Final Exam	1	2	2
Preparation for the Final Exam	4	8	32
Other(s) (Specify:)) M/		
Total Workload	-NU		
Total Workload / 25 (s)	ת שו		150/25
ECTS Credits of the Course			150/25≌6

Note: The workload of the course will be determined by the instructor on a per-course basis.

PROGRAM LEARNING OUTPUTS CONTRIBUTION LEVELS

No	Program Learning Outputs	1	2	3	4	5
1	Gains extensive knowledge about the basic chemical properties of matter and uses this knowledge in daily life, industrial scale, and practical chemistry and shares them with the society.					х
2	Performs experiments, collects data, interprets, evaluates results, defines problems parallel to current technological developments, produces solutions against problems encountered in the laboratory.	X				
3	Calculates and processes chemical information and data.			Х		
4	Applies her/his knowledge and understanding of chemistry to the solution of unconventional qualitative and quantitative problems.				Х	
5	Defines and comprehends chemical concepts and theories in Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Analytical Chemistry, Biochemistry.					х
6	Can conduct research in the light of scientific data on any subject in the field of chemistry.				х	



7	Writes, presents, discusses scientific material, and presents it orally to a knowledgeable audience.		Х		
8	Brings a chemical approach to the solution of environmental problems, makes environmental analyzes and reports.	Х			
9	Knows a foreign language at a level to read and understand the basic terms and processes of the chemist profession.			Х	
10	Can use computer software and information and communication technologies at the level required by the field.			Х	
11	Adapts and transfers the knowledge gained in the field to secondary education.		Х		
12	Apart from the field of chemistry, she/he gains knowledge in different branches of science that she feels close to.			Х	
13	Carries out a study independently, makes group work and gains the awareness of taking responsibility.		Х		
14	They can develop a positive attitude towards lifelong learning and constantly renew their professional knowledge and skills.				X
15	Have sufficient awareness of the universality of social rights, social justice, quality culture and protection of cultural values, environmental protection, occupational health and safety.	х			



