

# GENERAL CHEMISTRY

1	Course Title:	GENERAL CHEMISTRY	
2	Course Code:	KIM1077	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. ÜMRAN SEVEN ERDEMİR	
15	Course Lecturers:	Prof. Dr. Ali KARA	
16	Contact information of the Course Coordinator:	<p>Doç. Dr. Ümran SEVEN ERDEMİR</p> <p>Bursa Uludağ Üniversitesi Fen-Edebiyat Fakültesi Kimya Bölümü 16059 Görükle-Nilüfer/Bursa</p> <p>Tel: 0224 29 42943 e-posta: useven@uludag.edu.tr</p>	
17	Website:		
18	Objective of the Course:	The aim of the vocational areas of General Chemistry course to create the necessary knowledge and teaching of basic chemistry topics is to be able to use problem solving.	
19	Contribution of the Course to Professional Development:	Students will graduate with knowledge of important and basic concepts in chemistry, which is one of the basic sciences area that will be used frequently in their profession.	
20	Learning Outcomes:		
		1	Understands general chemistry topics.
		2	Uses basic knowledge in problem solving.
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Substance		

2	Atoms and atomic theory				
3	Chemical compounds				
4	Chemical reactions				
5	Aquatic solution reactions				
6	Gases				
7	Gases				
8	Repeating courses and problem solving related with the first seven weeks				
9	Thermal Chemistry				
10	Thermal Chemistry				
11	Liquids				
12	Solids and intermolecular interactions				
13	Chemical Kinetics				
14	Chemical Equilibrium				
22	Textbooks, References and/or Other Materials:	1-Genel Kimya (I. ve II. cilt): Petrucci, Harwood, Herring,Çeviri: Tahsin Uyar, Serpil Aksoy 2-Üniversite Kimyası (I. ve II. cilt): Bruce H. Mahan 3-Genel Kimya : Ayhan Ulubelen 4-Contemporary Chemistry: John E. Hearst, James B. Ifft.			
23	Assesment				
<b>TERM I LEARNING ACTIVITIES</b>					
<b>Activites</b>		<b>NUMBER</b>	<b>WEIGHT</b>		
			Number	Duration (hour)	Total Work Load (hour)
Theoretical			14	3.00	42.00
Home work-project		0	0.00		
Practicals/Labs			0	0.00	0.00
Self study and preperation		2	14	3.00	42.00
Total			100.00		
Homeworks			0	0.00	0.00
Projects			0	0.00	0.00
Field Studies			0	0.00	0.00
Midterm exams			1	1.00	1.00
Total			100.00		
Others			0	0.00	0.00
Final Exams			used together in measurement	10.00	10.00
Total Work Load					95.00
Total work load/ 30 hr					3.17
ECTS Credit of the Course					3.00
		with answering questions asked during the lesson  The evaluation will be made according to the scores specified in Bursa Uludağ University Undergraduate Education and Training Regulations for classes with less than 20 students or by relative evaluation system for classes more than 20.			
24	ECTS / WORK LOAD TABLE				

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	4	4	4	4	1	3	1	1	1	4	4	4	0	0	0
ÖK2	4	4	4	4	4	2	4	3	1	3	4	4	4	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				