

COURSE DESCRIPTION FORM			
<b>Course Code and Name</b>	<b>KİM 191 /Organic Chemistry</b>		
<b>Course Semester</b>	1		
<b>Catalogue Data of the Course (Course Content)</b>	Chemical Bonding, Alkanes and Cycloalkanes, Alcohols and Alkyl Halides, Alkenes and Alkynes I. Structures and Preparation, Alkenes and Alkynes II. Reactions, Aromatic Compounds, Stereochemistry, Nucleophilic Substitution, Free Radicals, Alcohols-Ethers and Phenols, Aldehydes and Ketones, Carboxylic Acids, Carboxylic Acid Derivatives, Amines, Carbohydrates, Lipids, Amino Acids-Peptides and Proteins, Nucleic Acids.		
<b>Course Textbooks</b>	Organik Kimya Kısa ve Öz, Robert C. Atkins, Üçüncü Baskı, McGrawHill.(Çeviri Ed.: G. Okay, Y. Yıldırım, Bilim Yayınevi, Ankara)		
<b>Supplementary Textbooks</b>	Organik Kimya H. Hart, D. J. Hart, L. E. Craine, Houghton Mifflin Company, Boston, U. S. A. 1995 ) ( Çeviri Editörü: T. Uyar, Palme Yayıncılık, Ankara, 1998) -Yıldırım Y (Editör), Organik Kimya “Yaşamın Kalbi”, Bilim Yayınevi, 2. Baskı, Ankara, 2014.		
<b>Credit (ECTS)</b>	2		
<b>Prerequisites for the Course (Attendance Requirements)</b>	There are no prerequisites.		
<b>Course Type</b>	Type of Course Basic Area		
<b>Language of Instruction</b>	Turkish		
<b>Course Objectives</b>	To teach the basic principles of Organic Chemistry, classification and naming of organic compounds and also some organic reaction types.		
<b>Course Learning Outcomes</b>	To be able to use the basic principles of Organic Chemistry, to be able to classify and name organic compounds systematically, and also to know some organic reaction types (where and how they are used).		
<b>Instruction Method (Face-to-face, Distance education etc.)</b>	This course will only face-to-face training.		
<b>Weekly Schedule of the Course</b>	Week 1: Chemical Bonding and hybridization at carbon Week 2: Alkanes and Cycloalkanes; naming Week 3: Alcohols and Alkyl Halides Week 4: Alkenes and Alkynes I. Structure and Preparation Week 5: Alkenes and Alkynes II. reactions Week 6: Aromatic Compounds Week 7: Stereochemistry Week 8: Sample Question Solutions and Midterm Exam Week 9: Nucleophilic and Radical Substitution Reactions Week 10: Ethers, Phenols; Aldehydes and Ketones Week 11: Carboxylic Acids and their derivatives Week 12: Amines Week 13: Amino Acids, Peptides and Proteins Week 14: Carbohydrates, Lipids and Nucleic Acids		
<b>Teaching Activities (The time spent for the activities listed here will determine the amount of credit required)</b>	Weekly theoretical course hours: 28 hours Reading activities: 14 hours Internet search and library work Midterm and revision for midterm:10 hours Final exam and revision for final exam: 9 hours		
<b>Assessment Criteria</b>		<b>Number(s)</b>	<b>Weight (%)</b>
	Midterm exam	1	40
	Assignment		
	Application		
	Project		
	Practice		
	Quiz		

	Final exam	1	60								
	Total	2	100								
<b>Workload of the Course</b>	<b>Activity</b>	<b>Number of Weeks</b>	<b>Duration (Weekly Hour)</b>	<b>End of Semester Total Workload</b>							
	Weekly theoretical course hours	14	2	28							
	Weekly practical course hours	14	1	14							
	Reading activities	---	---	---							
	Internet search and library work	---	---	---							
	Designing and implementing materials	---	---	---							
	Making a report	---	---	---							
	Preparing and making presentations	---	---	---							
	Midterm and revision for midterm	---	---	---							
	Final exam and revision for final exam	8	1.25	10.0							
	Total workload	6	1.5	9.0							
	Total workload/ 25	---	---	---							
	Course Credit (ECTS)			61							
				2.44							
				2							
<b>Contribution Level between Course Outcomes and Program Outcomes</b>	No	Program Outcomes					1	2	3	4	5
	1	Knows the normal structures and functions of the human body, specifically the structures and teeth in the mouth area, on the basis of cells, tissues, organs and systems, and their interactions with each other.					X				
	2	Defines the causes and formation mechanisms of mouth, tooth and jaw diseases, the findings they cause, structure and function disorders and how they affect the organism					X				
	3	Knows, grasps, correlates, evaluates the symptoms and findings in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program, diseases and conditions and professional practices at a determined level						X			
	4	Knows to reach the best up-to-date scientific evidence, and evaluate its reliability and validity in line with personal learning needs.						X			
	5	Knows the legislation, deontology and ethical principles about professional legal responsibilities.					X				
	6	Knows and performs the professional practices in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program.								X	
	7	It conducts its diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.					X				
	8	Aware of its limitations, set personal learning goals to support professional development, direct the patient to the appropriate center when necessary .					X				

	9	Knows the prevalence of diseases in the mouth, teeth and jaws in the society, contributes to prevention and reduction.	X				
	10	While performing her and his profession independently, she acts in accordance with the laws, regulations, legislation and ethical principles regarding her duties and responsibilities	X				
	11	Has teamwork and leadership skills, and becomes a role model for colleagues and society.	X				
	12	It plans personal professional development and realizes it with the principle of lifelong learning.				X	
	13	Establishes effective written and verbal communication with patients, their relatives, other healthcare professionals, society, relevant sectors and media.	X				
	14	Follows the innovations in the profession by using foreign language and information communication technologies.	X				
<b>Lecturer(s) and Contact Information</b>	Lecturer's First/Last Name: E-mail address: G.U. Faculty of Science, Department of Chemistry Faculty Members						