

**I.T.U.**  
**FACULTY OF SCIENCE AND LETTERS**  
**DEPARTMENT OF CHEMISTRY**  
**COURSE SYLLABUS**

<i>Course Name</i>	<i>Code</i>	<i>Course Type</i>	<i>Regular Semester</i>	<i>Credit</i>		<i>Lecture</i>	<i>Recitation</i>	<i>Laboratory</i>
				ITU	ECTS			
Organic Chemistry III	KIM 331	MBS	Fall	4	6	4	----	-----
<i>Department</i>	Chemistry							
<i>Lecturer and Office Hours</i>	Prof. Olcay ANAÇ							
<i>Teaching Assistant and Office Hours</i>	----							
<i>Language</i>	Turkish							
<i>Compulsory/Elective</i>	Compulsory							
<i>Classroom and Meeting Time</i>	----							
<i>Contents</i>	Free radicals, mass spectrophotometry, proteins and derivatives, carbohydrates, terpenes, lipids and pericyclic reactions							
<i>Objectives</i>	The basic organic chemistry for the methabolisms							
<i>Topics – Course Outline</i>	Free radicals Free radicals Mass spectrophotometry Amino acids and proteins Amino acids and proteins Carbohydrates Carbohydrates Carbohydrates Terpenes, lipids and hormones Midterm exam Sample problems Pericyclic reactions Pericyclic reactions Pericyclic reactions							
<i>Prerequisite(s)</i>	KIM 232 min FF							
<i>Textbook</i>	Notes, and Organic Chemistry-Seyhan EGE- Houghton Mifflin							
<i>Other References</i>	Organic Chemistry-M. JONES							
<i>Laboratory Work</i>								
<i>Computer Usage</i>	----							
<i>Others</i>								
<i>Course Evaluation Method</i>				Number		Ratio %		
	Midterm exams			1		30		
	Quizes			3		20		
	Homeworks							
	Projects							
	Term Projects							
	Laboratory							
Others								
Final Exam			1		50			