

Course Description Form

1. Course Name:					
Organic Chemistry I					
2. Course Code:					
Phpch24_1212-					
3. Semester / Year:					
2 nd Semester, 1 st year					
4. Description Preparation Date:					
22 / 1 / 2025					
5. Available Attendance Forms:					
Students' signatures on attendance sheets					
6. Number of Credit Hours (Total) / Number of Units (Total)					
3 hours theory + 2 hours practical (60) / 4 units					
7. Course administrator's name					
Theory					
Name: Lecturer Dr. Banan Borhan Saeed Email: bananaldewachi@uomosul.edu.iq Name: Lecturer Dr. Nagham M. Zaki Dawood Email: n3_m3_zmz@uomosul.edu.iq Name: Lecturer Dr. Eman Mahmood Hasan Email: emanmahmood87@uomosul.edu.iq					
Practical					
Name: Lecturer Nada Ahmed Khaleel Email: nadaahmed199238@uomosul.edu.iq Name: Assi. Lecturer Amal Fakhrideen Email: amal-aldulaimi@uomosul.edu.iq Name: Istbrick Mohamed Almola Email: istbrickalmola@uomosul.edu.iq					
8. Course Objectives					
Course Objectives		Enable the student to obtain theoretical and practical information in organic chemistry.			
9. Teaching and Learning Strategies					
Strategy		Conveying scientific information to the students using modern scientific methods			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-3	6	Understanding the structure, reaction and preparation of alkanes and cycloalkanes	Alkanes and cycloalkanes	Lectures	Paper-based exam

4-5	6	Understanding the structure, reaction and preparation of Alkene	Alkene	Lectures	Paper-based exam
6	3	Understanding the structure, reaction and preparation of Diene	Diene	Lectures	Paper-based exam
7-8	4	Understanding the structure, reaction and preparation of Alkyne	Alkynes	Lectures	Paper-based exam
9-10	4	Understanding the structure, reaction and preparation of Alcohol	Alcohol	Lectures	Paper-based exam
11-12	3	Understanding the structure, reaction and preparation of Ether	Ether	Lectures	Paper-based exam
13-15	4	Understanding the principle of stereochemistry	Stereochemistry	Lectures	Paper-based exam
1-3	6	Determination of melting point	Determination of melting point	Practical	Lab-based unknown and quiz
4-6	6	Determination of boiling point	Determination of boiling point	Practical	Lab-based unknown and quiz
7-9	6	Solution and filtration	Solution and filtration	Practical	Lab-based unknown and quiz
10-12	6	Sublimation	Sublimation	Practical	Lab-based unknown and quiz
13-15	6	Simple Distillation	Simple Distillation	Practical	Lab-based unknown and quiz

11. Course Evaluation

- 20 M Theoretical assessment (paper-based midterm exam, attendance)
- 20 M Practical assessment (attendance, quizzes, unknowns, reports)
- 60 M paper-based theoretical final exam
- 100 M total

12. Learning and Teaching Resources

Required textbooks (curricular book if any)	Morrison RT, Boyd RN.Organic Chemistry. 6th edition ,2008
Main references (sources)	Textbook of organic chemistry for pharmacy students KS Mukherjee
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	https://books-library.net/free-959800753-download
Update percentage	0 %