Course Description Form

1. Course Name:
Organic Chemistry II
2. Course Code:
Phpch24_213
3. Semester / Year:
1st Semester, 2nd year
4. Description Preparation Date:
4/9/2024
5. Available Attendance Forms:
Students' signature on attendance sheet
6. Number of Credit Hours (Total) / Number of Units (Total)
3 hours Theoretical + 2 hours Practical /3 units
7. Course administrator's name
Theoretical
Name: Dr. Banan Borhan Saeed Email: bananaldewachi@uomosul.edu.iq Name: Dr. Nagham M. ZakiDawood Email: n3_m3_zmz@uomosul.edu.iq Name: Dr. Eman Mahmood Hasan Email: emanmahmood87@uomosul.edu.iq
Practical
Name: Assi. Lecturer Amal Fakhrideen Email: amal-aldulaimi@uomosul.edu.iq Name: Assi. Lecturer Nura Ahmed Mohamed Email: noorwaheed@uomosul.edu.iq Name: Istbrick Mohamed Almola Email: istbrickalmola@uomosul.edu.iq
8. Course Objectives
Enable the student to obtain theoretical and practical information in organic chemistry.
9. Teaching and Learning Strategies
Lecturing, Homework, Quiz, Practical laboratory
10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-4		Aromatic compounds	Nomenclature, Reactions an synthesis	Lectures	Paper-based exams
5	3	Arenas and their derivati	Nomenclature, Reactions an synthesis	lectures.	

					Paper-based exams
6	3	Phenols	Nomenclature, Reactions an synthesis	lectures.	Paper-based exams
7-9	3	Amines	classification , nomenclature reaction and synthesis	lectures.	Paper-based exams
10-12	3	aldehydes and ketones	nomenclature , reaction and synthesis	lectures.	Paper-based exams
13-14	3	Carboxylic acid	Nomenclature, Reactions an synthesis	lectures.	Paper-based exams
15	3	Derivatives of Carboxylic acid	Nomenclature, Reactions and synthesis	lectures.	Paper-based exams
Practical					
1	2	Introduction of practical organic chemistry	Introduction of practi organic chemistry	Practical	Lab-based unknown and quiz
2-3	2	Solubility	Solubility classes and unkno	Practical	Lab-based unknown and quiz
4-6	2	alcohols	Identification of alcohols unknown	Practical	Lab-based unknown and quiz
7-9	2	phenols	Identification and unknown	Practical	Lab-based unknown and quiz
10-11	2	amines	Identification and unknown	Practical	Lab-based unknown and quiz
12-14	2	aldehyde and ketone	Identification and unknown	Practical	Lab-based unknown and quiz

15	2	carboxylic acid and carboxylic derivatives	Identification and unknown	Practical	Lab-based unknown and quiz

11. Course Evaluation
• 20% Theoretical assessment (paper-based midterm exam, attendance) • 20% Practical assessment (attendance, quizzes, unknows, reports) • 60% paper-based theoretical final exam
Total: 100%

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