

Course Description Form

1. Course Name:					
Clinical Pharmacy II (Theoretical+ Practical)					
2. Course Code:					
Phclph23_412--					
3. Semester / Year:					
2 nd semester/4 th year					
4. Description Preparation Date:					
01/2/2024					
5. Available Attendance Forms:					
Students' signature on attendance sheet					
6. Number of Credit Hours (Total) / Number of Units (Total)					
2 hours Theoretical + 2 hours Practical (60) /3 units					
7. Course administrator's name					
Theoretical					
Name: Assistant Prof. Mohammed Ibrahim Aladul					
Email: m.i.m.aladul@uomosul.edu.iq					
Lec. Suhair M. Rasheed					
Email: rasheedph@uomosul.edu.iq					
Lec. Islam T. Qasim					
Email: islam.Tarik@uomosul.edu.iq					
Practical					
Assistant Lec. Zainab Mohammed Alshamaa					
Email: Zainab.alshamaa@uomosul.edu.iq					
Assistant Lec. Zahraa S. Thabit					
Email: Zahraa.mahmod@uomosul.edu.iq					
Assistant Lec. Farah Ramzi Noori					
Email: farah.ramzi@uomosul.edu.iq					
Assistant Lec. Hind Salim Saeed Garda					
Email: Hind.garda@uomosul.edu.iq					
8. Course Objectives					
Enable the student to deal with the patient inside pharmacy and give medicines without a prescription			The course includes the basics of clinical ca of diseases, how to diagnose them, a prescribing medications, some cases need re to a doctor and laboratory or radiological tes		
9. Teaching and Learning Strategies					
Strategy		Lecturing Homework Quiz Practical laboratory demonstrations, explaining clinical cases , OTC drugs.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2+2	Explain causes, symptoms, treatment in anemia	Anemia	Theoretical lectures. Laboratory	Paper-based exams

				Methods to communicate with patients	
2	2+2	Explain causes, symptoms, treatment in respiratory system	Asthma	Theoretical lectures. Laboratory clinical cases	Paper-based exams
3	2+2	Explain causes, symptoms, treatment in respiratory system	COPD	Theoretical lectures. Laboratory clinical cases	Paper-based exams
4	2+2	Explain causes, symptoms, treatment in CNS infection	CNS infection	Theoretical lectures. Laboratory clinical cases	Paper-based exams
5	2+2	Explain causes, symptoms, treatment in Diabetes	Diabetes	Theoretical lectures. Laboratory clinical cases	Paper-based exams
6	2+2	Explain causes, symptoms, treatment in Gout	Gout	Theoretical lectures. Laboratory clinical cases	Paper-based exams
7	2+2	Explain causes, symptoms, treatment in Heart failure	Heart failure	Theoretical lectures. Laboratory clinical cases.	Paper-based exams
8	Mid-term exam				
9	2+2	Explain causes, symptoms, treatment in hypertension	hypertension	Theoretical lectures. Laboratory clinical cases	Paper-based exams
10	2+2	Explain causes, symptoms, treatment in IHD	IHD	Theoretical lectures. Laboratory clinical cases	Paper-based exams

11	2+2	Explain causes, symptoms, treatment in OA+OP	OA+OP	Theoretical lectures. Laboratory clinical cases	Paper-based exams
12	2+2	Explain causes, symptoms, treatment in peptic ulcer	Peptic ulcer	Theoretical lectures. Laboratory clinical cases	Paper-based exams
13	2+2	Explain causes, symptoms, treatment in RA	RA	Theoretical lectures. Laboratory clinical cases	Paper-based exams
14	2+2	Explain causes, symptoms, treatment in TB	TB	Theoretical lectures. Laboratory clinical cases.	Paper-based exams
15	2+2	Explain causes, symptoms, treatment in UTI	UTI	Theoretical lectures. Laboratory	

11. Course Evaluation

- 20 M Theoretical assessment; (paper-based mid-term exam + quiz)
- 20 M practical assessment (attendance + quiz + practice)
- 60 M paper-based theoretical final exam

100 M total

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Chisholm-Burns MA, Schwinghammer TL, Malone PM, et al. Pharmacotherapy principle and practice. 6th edition. 2022 Clinical pharmacy and therapeutics
Main references (sources)	Joseph T. DiPiro, Robert Pharmacotherapy Handbook. 12th Edition. 2023.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	