

Course Plan for Bachelor Program - Study Plan Development and Updating Procedures/ Pharmacy Department	QF02/0408-4.0E
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Study Plan No.	2021/2022	University Specialization	Bachelor of Pharmacy
Course No.	0201436	Course Name	Community Pharmacy Training (1)
Credit Hours	3	Prerequisite *Co-requisite	Over the Counter Medicines + Pharmacy Practice Lab (1)
Course Type	☐ Mandatory University Requirement ☐ University Elective Requirement	☐ Faculty Mandatory Requirement ☐ Support course family requirements	☒ Mandatory Requirement ☐ Elective Requirement
Teaching Style	☐ Full Online Learning	☐ Blended Learning	☒ Traditional Learning
Teaching Model	☐ 1 Synchronous: 1 Asynchronous	☐ 1 Face to Face: 1 Asynchronous	☒ 1 Traditional

Faculty Member and Study Divisions Information (to be filled in each semester by the subject instructor)

Faculty, Member and Study Divisions Information (to be filled in each semester by the subject instructor)					
Name	Academic rank	Office No.	Phone No.	E-mail	
Office Hours (Days/Time)	Sunday, Tuesday, Thursday ()		Monday, Wednesday ()		
Division number	Time	Place	Number of Students	Teaching Style	Approved Model
				Traditional Learning	3 Traditional

Brief Description

This course introduces students to the principles and practice of pharmaceutical care in the community pharmacy setting. Students will develop foundational skills in patient-centered care, effective communication, and professional interactions. Emphasis is placed on applying these skills through real-life cases and field experiences to enhance patient outcomes.

Learning Resources

Course Book Information (Title, author, date of issue, publisher ... etc)	1. Community Pharmacy Training Manual. 2. Jordan National Drug Formulary. 2 nd revision, 2011. Jordanian Food and drug administration (JFDA). 3. Step Up Pharmacy. 2 nd edition, 2019, Ayesh L. 4. Pharmaceutical Training Guide 3 rd edition, 2021 Hamad, F. 5. RBCs Skin Care, 1 st edition, 2021. Dwikat, S., Al-omran, A., Al-aqbani, H., Bandar, B., Badinjki, M.
Supportive Learning Resources (Books, databases, periodicals, software, applications, others)	-Patients Centered Pharmacology: Learning System for the Conscientious Prescriber, 1 st edition, Tindall, W.N., Sedrak, M.M., and Boltri, J. -Mosby's Drug Guide for Nursing Students, 11 th edition, Skidmore-Roth, L. -List of 100 Most Sold Drugs in Jordan -Cambridge Pharmacology Short Notes: Essential Guide for Doctors and Medical Students, 1 st edition, 2025, Dr.Rish T
Supporting Websites	www.JFDA.gov.jo

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The Physical Environment for Teaching	☐ Classroom	☐ Labs	☒ Virtual Educational Platform	☒ Others: (Community pharmacy)
Necessary Equipment and Software	Moodle			
Supporting People with Special Needs				
For Technical Support	E-Learning & Open Educational Resources Center. Email: ellearning@zu.edu.jo ; Phone: +962 6 429 1511 ext. 425/362.			

Course learning outcomes (K= Knowledge, S= Skills, C= Competencies)

No.	Course Learning Outcomes	The Associated Program Learning Output Code
Knowledge		
The student should be able to:		
K1	List commercial names and generic equivalents of prescription and non-prescription drugs available in the Jordanian market.	MK3
Skills		
The student should be able to:		
S1	Apply standards, guidelines and best pharmacy practices to ensure safe and effective medication use.	MS1
S2	Provide patient-centered care that is legal, ethical, culturally sensitive, and compassionate.	MS3
S3	Interpret medication prescriptions and leaflets accurately to the patients in a community pharmacy.	MS3
Competencies		
The student should be able to:		
C1	Demonstrate effective patient counselling, education, and professional communication skills.	MC2
C2	Evaluate prevention, intervention, and educational strategies to improve health and wellness at individual and community levels.	MC1

Mechanisms for Direct Evaluation of Learning Outcomes

Type of Assessment / Learning Style	Fully Electronic Learning	Blended Learning	Traditional Learning (Theory Learning)	Traditional Learning (Practical Learning)
Midterm Exam	30%	30%	30%	0%
Participation / Practical Applications	0%	0%	30%	60%
Asynchronous Interactive Activities	30%	30%	0%	0%
Final Exam	40%	40%	40%	40%

Note 1: Asynchronous interactive activities are activities, tasks, projects, assignments, research, studies, projects, and work within student groups ... etc, which the student carries out on his own, through the virtual platform without a direct encounter with the subject teacher.

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Note 2: According to the Regulations of granting Master's degree at Al-Zaytoonah University of Jordan, 40% of final evaluation goes for the final exam, and 60% for the semester work (examinations, reports, research or any scientific activity assigned to the student).

Schedule of Simultaneous / Face-to-Face Encounters and their Topics

Week	Subject	Learning Style*	Reference **
1	Communication skills and Pharmacy layout and customer service	Training in community pharmacy setting by spending ten-eleven hours	--
2	Breastfeeding and milk formula	Training in community pharmacy setting by spending ten-eleven hours	--
3	Analgesic and Pain management Oral pain and discomfort including Nonsteroidal anti-inflammatory drugs COX non-selective inhibitors COX2 selective inhibitors Narcotic analgesics	Training in community pharmacy setting by spending ten-eleven hours	--
4	Cardiovascular system diseases and Heart failure Antihypertensive drugs: 1. Renin–angiotensin–aldosterone system (RAAS) Inhibitors 2. Calcium Channel Blockers (CCBs) and centrally acting adrenergic drugs 3. Vasodilators	Training in community pharmacy setting by spending ten-eleven hours	--
5	Antihypertensive drugs: 4. Organic nitrates and sodium channel blocker)	Training in community pharmacy setting by spending ten-eleven hours	--
6	5. Diuretic drugs: • Thiazide and Related Agents • Loop and Potassium-Sparing Diuretics Carbonic anhydrase inhibitor and osmotic diuretics	Training in community pharmacy setting by spending ten-eleven hours	--
7	Antihyperlipidemia medications: 1. HMG CoA reductase inhibitors (Statins)) 2. Niacin (nicotinic acid), fibrates and bile acid-binding resins)	Training in community pharmacy setting by spending ten-eleven hours	--
8	Antihyperlipidemia medications: 3. Cholesterol absorption inhibitors and omega-3 fatty acids.	Training in community pharmacy setting by spending ten-eleven hours	--

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9	Antiarrhythmic drugs	Training in community pharmacy setting by spending ten-eleven hours	--
10	Anticoagulants Antiplatelet Fibrinolytic drugs	Training in community pharmacy setting by spending ten-eleven hours	--
11	GI medication: Proton pumps inhibitors (PPIs). H2 antagonists. Antacids	Training in community pharmacy setting by spending ten-eleven hours	--
12	GI medication: Constipation and diarrhea Hemorrhoids Inflammatory bowel diseases	Training in community pharmacy setting by spending ten-eleven hours	--
13	Presentations and role play	Training in community pharmacy setting by spending ten-eleven hours	--
14	Presentations and role play	Training in community pharmacy setting by spending ten-eleven hours	--
15	Final Exam	-	-
16	Final Exam	-	-

* Learning styles: Lecture, flipped learning, learning through projects, learning through problem solving, participatory learning ... etc.

** Reference: Pages in a book, database, recorded lecture, content on the e-learning platform, video, website ... etc.

Schedule of Asynchronous Interactive Activities (in the case of e-learning and blended learning)

Week	Task / Activity	Reference	Expected Results
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