



COURSE SYLLABUS



Degree Program: Bachelor of Science in Pharmacy (BSP)

Program Outcomes:

PLO 1: Practice pharmacy in a professional, legal and ethical manner with commitment for continuing professional development

PLO 2: Work effectively with inter- and multi-professional teams in various settings to manage medicines-related issues of individuals, communities and health facilities

PLO 3: Communicate medicines information effectively to patients, carers, healthcare providers, community members and other stakeholders

PLO 4: Produce quality pharmaceutical products to achieve optimum health outcomes for patients and communities

PLO 5: Disseminate research findings to improve medication use, pharmacy education and pharmacy service delivery

A. Course Catalogue Description

Course Title: Foundations of Pharmaceutical Care

Course Number: CLIN PHARM 142	Credit Units: 2 units	Number of Hours: 2 hours of lecture per week	Year Level offered: 1st Year	Semester Offered: 2nd Semester
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Meeting Type/Instructional Format: Blended Learning 2: Flipped Classroom

Course Description: This course introduces the foundational principles and processes of pharmaceutical care, with emphasis on patient-centered medication therapy management. Students will develop competencies in patient assessment, identification of drug-related problems, formulation of evidence-informed care plans, documentation, and interprofessional communication. Through case-based learning and structured reflection, the course establishes the clinical reasoning framework necessary for the safe, effective, and ethical provision of pharmaceutical care in various healthcare settings.

Prerequisites: Pharmacist in the Healthcare System (Clin Pharm 140)

Introductory Pharmacy Practice Experience in Philippine Healthcare System (Clin Pharm 150)

Corequisites: None

Course Stipulation (if any): None

This course aims to:

1. Discuss the concept of pharmaceutical care and the elements of medication therapy management
2. Describe effective techniques in medication history taking and data gathering in aid of developing a pharmacist's care plan
3. Understand relevance of patient assessment findings to monitoring and evaluation of drug therapy
4. Recognize actual and potential medication-related problems
5. Describe how to effectively communicate with patients and other members of the health care team

Course Goals:

B. Relationship of Course Learning Outcomes to Program Learning Outcomes

Program Learning Outcomes

Course Learning Outcomes

		PLO1	PLO2	PLO3	PLO4	PLO5			
CLO1:	Discuss the concept of pharmaceutical care and the elements of medication therapy management								
CLO2:	Describe effective techniques in medication history taking and data gathering in aid of developing a pharmacist's care plan								
CLO3:	Understand relevance of patient assessment findings to monitoring and evaluation of drug therapy								
CLO4:	Recognize actual and potential medication-related problems								
CLO5:	Describe how to effectively communicate with patients and other members of the health care team								

I – Introduced D- Demonstrated R- Reinforced

C. Course Content

Topics	Number of Hours
I. Positivism versus Constructivism World Views in Health Care A. Definitions B. Biomedical versus Biopsychosocial Approach to Health Care	4
II. Patient-Centered Practice for Health Professionals A. Definitions and related terms B. Picker's principles of patient-centered care C. Interprofessional Collaboration	6
III. Introduction to Pharmaceutical Care: History and Concepts A. History of Clinical Pharmacy B. Pharmaceutical Care Concepts and Applications	6
IV. Competencies Required in Pharmaceutical Care Practice A. Clinical Pharmacist Competencies (ACCP 2017) Direct patient care Pharmacotherapy knowledge Systems-based care and population health Communication Professionalism Continuing professional development B. Non-clinical Competencies C. Organizational and management skills	6
V. Elements of Pharmaceutical Care Process A. Principles B. American Pharmaceutical Association Patient Care Process	4

VI. Medication Therapy Management and Related Services	2
VII. Benefits and Positive Outcomes of Pharmaceutical Care	2
VIII. Status of Pharmaceutical Care Practice in the Philippines	2

D. Course Coverage

Week	Learning Outcomes	LLOs with CLOs	Course Topics	Essential or Key Questions	Teaching and Learning Activities	Assessment Methods and Tools	Core Readings/Learning Resources
1-2	Explain positivist and constructivist worldviews in healthcare. Compare the biomedical and biopsychosocial models. Analyze how philosophical frameworks influence patient care decisions.	CLO1	Positivism vs Constructivism in Health Care; Biomedical vs Biopsychosocial Approaches	How do different worldviews influence clinical decision-making? Why is the biopsychosocial model essential to pharmaceutical care?	Lecture-discussion; Small-group case analysis comparing models; Reflective writing exercise	Formative: Attendance, Active Participation, Worksheet, Quiz	Lauster CD, Srivastava SB. Fundamental Skills for Patient Care in Pharmacy Practice, 1st ed. Galt K. Developing Clinical Pharmacy Skills for Pharmacists
3-4	Define patient-centered care and interprofessional collaboration. Apply Picker's principles to healthcare scenarios.	CLO2	Patient-Centered Practice; Picker's Principles; Interprofessional Collaboration	What defines patient-centered care? How does collaboration improve patient outcomes?	Case-based discussions; Role-play simulations; Group reporting	Formative: Attendance, Active Participation, Worksheet, Quiz	Lauster CD, Srivastava SB. Fundamental Skills for Patient Care in Pharmacy Practice, 1st ed. Galt K. Developing Clinical Pharmacy Skills for Pharmacists

5	First Examination						
6-8	Describe the history and evolution of clinical pharmacy and pharmaceutical care. Differentiate clinical pharmacy from pharmaceutical care.	CLO1	Introduction to Pharmaceutical Care: History and Concepts	How did pharmaceutical care emerge? What distinguishes pharmaceutical care from traditional pharmacy roles?	Timeline construction activity; Lecture-discussion; Case application	Formative: Attendance, Active Participation, Worksheet, Quiz	Galt K. Developing Clinical Pharmacy Skills for Pharmacists DiPiro et al. Pharmacotherapy: A Pathophysiological Approach, 9th ed. (Introduction to clinical decision-making and therapeutic reasoning)
9-11	Identify competencies required for pharmaceutical care practice. Relate ACCP 2017 competencies to real-world scenarios.	CLO3	Clinical Pharmacist Competencies (ACCP 2017); Direct patient care; Communication; Professionalism; CPD	What competencies distinguish a clinical pharmacist? How do systems-based care and communication impact patient safety?	Competency mapping workshop; Self-assessment exercise; Case simulations	Formative: Attendance, Active Participation, Worksheet, Quiz	Galt K. Developing Clinical Pharmacy Skills for Pharmacists Lauster CD, Srivastava SB. Fundamental Skills for Patient Care in Pharmacy Practice
12-13	Explain the elements of the Pharmaceutical Care Process. Apply the APhA Patient Care Process to patient cases.	CLO4	Principles of Pharmaceutical Care; APhA Patient Care Process	What are the core steps in delivering pharmaceutical care? How is the PPCP operationalized in practice?	Structured case walkthrough using PPCP; Group case analysis	Formative: Attendance, Active Participation, Worksheet, Quiz	Abate MA, Blommel ML. Remington Education: Drug Information and Literature Evaluation, 1st ed. DiPiro et al. Pharmacotherapy: A

							Pathophysiological Approach, 9th ed.
14	Describe Medication Therapy Management (MTM) services and related pharmaceutical services.	CLO4	Medication Therapy Management and Related Services	What is MTM? How does MTM improve therapeutic outcomes?	Lecture-discussion; MTM case example	Formative: Attendance, Active Participation, Worksheet, Quiz	DiPiro et al. Pharmacotherapy: A Pathophysiological Approach, 9th ed. Galt K. Developing Clinical Pharmacy Skills for Pharmacists
15	Evaluate the benefits and current status of pharmaceutical care in the Philippines.	CLO5	Benefits and Outcomes of Pharmaceutical Care; Status in the Philippines	What evidence supports pharmaceutical care? What are the barriers and opportunities in the Philippine context?	Group discussion; Policy review; Short reporting	Formative: Attendance, Active Participation, Worksheet, Quiz	Abate MA, Blommel ML. Remington Education: Drug Information and Literature Evaluation Lauster CD, Srivastava SB. Fundamental Skills for Patient Care in Pharmacy Practice
16	Second Examination						
E. Course Requirements							
1	Attendance						
2	Worksheets						
3	Quizzes						
4	Active Participation						
5	Reaction Paper						
6	Written Examination						

F. Assessment Plan (formative and summative evaluation)

SAMPLE ASSESSMENT PLAN

SAMPLE FORMATIVE ASSESSMENT

COURSE ASSESSMENT PLAN						
Assessment Component		Course Learning Outcomes				
		CLO1	CLO2	CLO3	CLO4	CLO5
Written Exam 1 (30%)	Summative	MCQ 1-40	MCQ 41-80	Essay Q1	Essay Q2	Essay Q3
Written Exam 2 (30%)	Summative	MCQ 1-20	MCQ 21-40	MCQ 41-60	Essay Q1-2	Essay Q3
Quizzes (10%)	Formative	MCQ / Short Answer	Case-based	Case-based	Identification	Short Answer
Class Participation, Attitude, and Attendance (10%)	Formative	—	Role-play	Case Discussion	Case Discussion	Communication Performance

Summative = assessment of learning

Formative = assessment for learning

G. References

1	Abate MA, Blommel ML. 2013. Remington Education: Drug Information and Literature Evaluation, 1st ed. London: Pharmaceutical Press.
2	DiPiro et al. 2014. Pharmacotherapy: A Pathophysiological Approach, 9th ed.
3	Galt, K. 2007. Developing Clinical Pharmacy Skills for Pharmacists. Bethesda, Maryland: American Health System Pharmacists.
4	Lauster CD, Srivastava SB. 2013. Fundamental Skills for Patient Care in Pharmacy Practice. Jones and Bartlett Learning, 1st ed.

5	Lee M. 2013. Basic Skills in Interpreting Laboratory Data, 5th ed. United States: American Society of Health Systems Pharmacists.
6	Murphy J. 2011. Clinical Pharmacokinetics Pocket Reference, 5th ed. United States: American Society of Health Systems Pharmacists..

H. List of Faculty

1	Yolanda R. Robles, RPh, M Pharm, PhD Professor Department of Clinical, Social and Administrative Pharmacy
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2	Adrian Chester P. Uy, RPh, RChT Instructor 4 Department of Clinical, Social and Administrative Pharmacy
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