

University of Mississippi & Union University

Schools of Pharmacy

Course Syllabi: Advanced Institutional Pharmacy Practice Experience

Course Instructor:

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Additional Pharmacist Preceptors:

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Course Location: North Mississippi Medical Center, Tupelo, Mississippi, Main Unit Hospital, Central Pharmacy (2nd Floor)

Expected Hours: The course will begin on the 1st day of the month and end on the last day of the month. The student is expected to work a minimum of 40 hours per week (4-ten hour days, or 5-eight hour days). Students must inform the preceptor which work schedule they prefer on the first day of rotation.

Excused Travel Day: Students will be excused from the rotation on the last weekday of the month if they are required to begin a new rotation the following day at a practice site located such a distance away that it requires the student to move to that location.

Goals: Students will work to apply the knowledge of pharmacology, pharmaceuticals, drug information, medication safety, communication skills, critical thinking, pathophysiology and therapeutics to the care of patients in an inpatient/acute care setting.

Pharmacists' Patient Care Process

- Develop and implement patient centered drug therapy care plans.
- Recommend changes to the drug therapy regimen through monitoring and assessing/reassessing patient information.
- Access, evaluate and apply information to promote optimal health care.
- Identify and report medication errors and adverse drug reactions.
- Communicate to the patient and other health care professionals the appropriateness of the patient's specific pharmacotherapeutic agents, dosing regimens, dosage forms, routes of administration and delivery systems.
- Promote self-directed learning through a self-initiated, proactive, evidenced based clinical pharmacy practice.
- Demonstrate appropriate team behaviors and professionalism.



Collect

- Participate in Pharmacy Student-led medication history program (daily)
- Review medication profiles to ensure the appropriateness, effectiveness, and safety of a drug order
 - Assess medication orders for appropriate therapy ,dose, dosage form, and compatibility
 - Review charts for allergies
 - Review orders for drug-drug, drug-disease state interactions
- Utilize pharmacy calculations in medication preparation

Assess

- Demonstrate the ability to retrieve, evaluate and apply clinical and scientific publications in the decision-making process.
- Describe the hospitals distribution system
- Safely and accurately prepare and deliver drug products (e.g., sterile and non-sterile preparations)
- Understand and assess compliance with required regulatory standards (e.g., The Joint Commission, Mississippi State Board of Pharmacy, etc)

Plan

- Set goals of therapy for a drug order and provide proper monitoring parameters

Implement/Follow-up

- Properly document patient specific-plans in the medical record.
- Address any non-compliance with regulatory standards and provide suggestions for an improvement plan

Requirements

During their rotation, students are required to do the following in addition to the established requirements of their respective school of pharmacy:

1. Successfully complete exercises.
 - a. One 5-10 minute “pearl” for pharmacy staff regarding USP <797> / <800>
 - b. One 5-10 minute “pearl” for pharmacy staff regarding USP <795>
 - c. Successfully complete the rotation pre- and post-test
 - d. One 5-7 minute journal article presentation for the pharmacy department
 - e. Review Joint Commission guidelines related to health-system pharmacy <http://www.jcaho.com>, and perform a gap-analysis of central pharmacy
 - f. An institutional project, as determined by the preceptor, but preferably on a process improvement issue.
 - g. Perform daily medication histories and deliver proper handoffs to unit-based pharmacists.
2. Reflection
 - a. Over the course of one month, the student pharmacist must identify a minimum of 40 items that they either have learned or now understand more clearly. The student should expect to hand in 20 by the midpoint evaluation.
3. Meetings
 - a. Participate in pharmacy related meetings
 - b. Participate in ongoing patient safety activities
 - c. Attend monthly P&T Committee Meetings (2nd Wednesday of the month at noon)
 - d. Attend departmental topic discussions (Every other Tuesday at noon)
 - e. Prepare for and attend journal club presentations (3rd Thursday of the month at noon)
4. Other activities as agreed by preceptor and learner