

PHRD 5061 – Women’s Health and the Pharmacist

Contact Information:

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Office Hours:

Monday through Thursday: 8:00 – 11:00 am

Professor	Office Phone	Email
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Dr. Hilary Tice	318-342-1818	tice@ulm.edu

*Please email me to schedule an appointment if there is a specific meeting time you would like.

Course Requirements: Current P2 or P3 standing

Course Description: This course will cover practical information necessary to provide optimal pharmaceutical care to women in a wide variety of practice settings, and will include discussions of both social and therapeutic issues, with emphasis on the three major life stages in women: adolescence, pregnancy, and menopause. Some course material will be presented via distance teaching technology, supported by in-class and online discussions, assignments, and reflective writing.

Course Specific Objectives and Outcomes

At the conclusion of this course, students should be able to:

- Identify, discuss, and become actively engaged in health and social issues that affect women disproportionately, when compared to men.
- Describe the selection of drugs in pregnancy and lactation and women with chronic conditions.
- Compare the treatment of presented conditions between women and men.

Curricular Objectives and Outcomes

Provide Comprehensive Patient Specific Pharmaceutical Care.

3. Develop and implement an evidence-based care plan. (pharmacology, med chem., physiology, pathology, etc.)

Communicate Effectively.

6. Counsel and educate patients regarding medication use, disease-state management, and health maintenance.
8. Collaborate with other healthcare professionals using appropriate effective communication in both written and oral forms.
9. Read, write, speak, listen, and use data, media, and computers to send and respond effectively to communications for varied audiences and purposes.

Identify, Interpret, and Evaluate Literature Needed for the Provision of Drug Information and Pharmaceutical Care

13. Define the question that needs to be answered.
14. Distinguish among lay, professional and scientific literature.
15. Identify appropriate literature search engines for lay, professional, and scientific literature.
20. Draw appropriate conclusions from research results.
21. Assess the potential impact and implication of published information on current practices.

Promote Health Improvement and Self-Care.

23. Collaborate with policy makers, health care providers, members of the community, administrative and support personnel to identify and resolve health problems and evaluate health policy.

Think Critically.

24. Identify, retrieve, understand, analyze, synthesize, and evaluate information needed to make informed, rational, and ethical decisions.
25. Solve complex problems that require an integration of one's ideas and values within a context of scientific, social, cultural, legal, clinical, and ethical issues.
26. Display habits, attitudes, and values associated with mature critical thinking.

Demonstrate Appropriate Interpersonal, Professional, and Ethical Behaviors.

29. Identify, analyze, and resolve ethical problems involved in pharmacy practice.
31. Collaborate proactively with other healthcare professionals.
33. Accept the responsibilities embodied in the principles of pharmaceutical care.
34. Demonstrate appropriate interpersonal, intergroup, and cross-cultural behaviors that promote respect and trust from peers, patients, and community members.

Course Topics

Topics to be included in this course include social issues in the care of women, such as health disparities, research issues, and abuse. Pregnancy and lactation will be stressed, as will contraception, infertility, and menopause. Also included will be a number of disease states that are unique to women, or that require different treatment modalities in women and drugs that have documented gender differences in their efficacy, safety pharmacokinetic profiles, etc.

Instructional Methods and Activities:

Much of the course will utilize didactic lectures, video lectures or webinars throughout the semester to introduce material. Most will be supplemented with assigned readings, videos, or podcasts, in-class discussions, assignments, or out-of-class projects. Teaching methods may include, but are not limited to: case/scenario based teaching; problem-based learning; service learning; individual/group exercises; self-directed learning; errors and omissions; role playing; online teaching; applied learning; point-of-care testing; projects/presentations; assignments/exercises; traditional lectures and the use of technology such as Power Point, Human Patient Simulation, Distance Learning, and Moodle.

Evaluation and Grade Assignment:

Course grading will be based on the following:

Class Participation	20%
Topic Reflections	20%
Seminar Poster Presentation	20%
Case studies/assignments	20%
Final Reflection	<u>20%</u>
Total	100%

The course is based on a 10-point grading scale:

A = 89.5 – 100
B = 79.5 – 89.4
C = 69.5 – 79.4
D = 59.5 – 69.4
F = ≤ 59.4

Class Participation: The course faculty and coordinator will assess students' professionalism and class participation. Students will be evaluated on several factors, including punctuality and respectful participation among in-class discussions and active learning activities.

Topic Reflections: Students will complete several reflective statements over the course of the semester. The purpose of these statements is for the student to apply what they have learned to real practice, and to contemplate the impact of the information, both on a personal and professional level. Time will be given in class to complete these assignments, and guidelines with guiding questions will be provided.

Poster Seminar Presentation: Students will research, develop, post and present a scientific seminar poster containing information pertinent to a specific topic affecting women's health. A topic list will be provided for students to choose from, or students may submit choices for presentation topics to the course coordinator. Students will create and present a poster presentation to convey information about the specific topic and answer any follow up questions from students/instructors.

Case Studies and Assignments: Cases/assignments will be made available to students at the beginning of class, and may include both social and pharmacotherapeutic issues to be addressed. These assignments will reinforce or augment the material covered in-class and may be completed individually or in groups, as determined by the instructor. These assignments may be graded, or may be pass/fail.

Final Reflective Essay: A 2-3 page reflective essay will be completed as a culminating experience in the course. Each student will describe important concepts and insights obtained through the course and the projected impact on his/her professional practice. Guiding questions will be provided.

Undergraduate mid-term grades will be posted on-line for students to view via Banner. Mid-term grades indicate a student's status at mid-semester only and do not indicate the final performance outcome of a student. Any student earning a non-passing grade of "D" or "F" on an exam will be required to participate in mandatory tutoring sessions offered by the course instructor(s) until such a time that they obtain a passing average in the course.

Class Policies and Procedures:

At a minimum, all policies stated in the current ULM Student Policy Manual & Organizational Handbook should be followed.

(See <http://www.ulm.edu/studentpolicy/>).

- A. Textbook and Materials:** Required: DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM. *Pharmacotherapy: A Pathophysiologic Approach*. 10th Ed, New York, McGraw-Hill, Inc., 2017. Available Online through COP Moodle Toolbox: Library Resources (Access Pharmacy).
** In addition, students may be required to access and read journal and news articles, as assigned.
- B. Attendance Policy:** Class attendance is mandatory in all pharmacy courses. Students reported for accumulating more than three unexcused absences in a course during an academic semester will be administratively dropped from the course with a "W" grade. In accordance with College of Pharmacy policy and procedure, a grade of "W" will be counted as an "F" grade with respect to academic standards. Tardiness and disruptive behavior will not be tolerated.

EXCUSED ABSENCES POLICY

STUDENTS MISSING A GRADED EXERCISE

A student missing a graded exercise (exam, quiz, in-class assignment, etc.) **MUST** contact the Course Coordinator via email or phone prior to the graded exercise. If a student cannot contact the Course Coordinator prior to the graded exercise, they **must contact the coordinator within 24 hours of the graded exercise**. It will be the sole responsibility of the Course Coordinator as to determine whether or not the student had a sufficient excuse for not contacting the Course Coordinator prior to the exam. Provided this policy is followed and a validated excuse is presented, excused absences will be granted for those reasons outlined in the University catalog and College of Pharmacy (COP) Student Handbook. Absences outside of those covered in the University catalog and COP Student Handbook will be excused at the discretion of the Course Coordinator.

STUDENTS MISSING CLASS TIME

Students **MUST** notify faculty of a scheduled absence (Physician Appointment, etc) prior to missing class. When possible, students **SHOULD** notify faculty of an unscheduled absence by phone or email prior to missing class. If a student cannot contact the Course Coordinator prior to class, they **MUST** contact the coordinator within 24 hours of class. Provided this policy is

followed and a validated excuse is presented, excused absences will be granted for those reasons outlined in the University catalog and COP Student Handbook. Absences outside of those covered in the University Catalog and COP Student Handbook will be excused at the discretion of the Course Coordinator.

Students **SHOULD NOT** miss class for drug screening; however, in the rare case where a student's class schedule does not allow sufficient time for drug screening within the pre-defined window, an excused absence will be granted by the Dean or his/her designee provided the student receives permission from the Dean's office or the Course Coordinator to be absent prior to the absence occurring. The Dean or his/her designee will directly communicate this excuse in writing to the Course Coordinator.

EXCUSE VALIDATION

The Office of Student and Professional Affairs will verify the validity of all excuses. Students should bring the excuse to the Office of Student and Professional Affairs before classes on the day they return to class. The Office of Student and Professional Affairs will verify the validity of the excuse and will sign and date the excuse. The student should retrieve the validated excuse on the **SAME** day it is dropped off in the office of Student and Professional Affairs. The student should provide the Course Coordinator with the validated excuse within two business days of its validation.

CONTACTING COURSE COORDINATORS

Contact information for all course coordinators is located in the syllabus for all courses; however, students are encouraged to pre-program their course coordinators office phone numbers into their cell phones or keep a list of course coordinator phone numbers where they are easily accessible. Student may contact the Office of the Dean (318-342-1600) or the Office of Student and Professional Affairs (318-342-3800) for assistance.

APPEALS FOR EXCUSED ABSENCES

In the event that a student disagrees with a Course Coordinator's decision concerning an excused absence, they may appeal that decision using the same pathway and timelines outlined for a grade appeal (Department Head, Associate Dean for Academic Affairs, Dean, Provost). Any appeal should include a copy of the validated excuse and a letter outlining reasons the excuse should be granted based on the College and University guidelines for excused absences.

C. Make Up Policy

Late assignments will not be accepted and will receive a grade of zero. If the student has a University approved excuse for missing a graded assignment, one opportunity will be given for make-up at the discretion of the instructor(s). Failure to attend a scheduled make-up will result in a grade of zero (0) for that exam/exercise. Make-up activities will be prepared at a similar level of difficulty and may be given as a written exam or an oral exam in the presence of another faculty member.

D. Academic Integrity: Faculty and students must observe the ULM published policy on Academic Dishonesty (see the ULM Student Policy Manual – <http://www.ulm.edu/studentpolicy/>). All

students must observe the ULM College of Pharmacy Code of Ethical and Professional Conduct- (<http://www.ulm.edu/pharmacy/currents.html>)

Censures (Penalties)

Academic dishonesty will result in a referral to the Committee on Ethical and Professional Standards with a recommendation for a grade of "F" for the course and expulsion from the College of Pharmacy. Academic dishonesty includes, but is not limited to, the use of information taken from others' work or ideas, the provision of help to others on non collaborative evaluations (tests, quizzes, etc.), collaboration on take home exams, or the use of unapproved information or electronic devices to assist in obtaining an answer to the question.

- E. Course Evaluation Policy:** At minimum, students are expected to complete the on-line course evaluation as well as any evaluation administered in class by the College of Pharmacy.
- F. Student Services:** Information concerning student services in the College of Pharmacy can be found in the College of Pharmacy Student Handbook. In particular, pay special attention to the Colleges technical standards and policies concerning students with special needs (<http://www.ulm.edu/studentpolicy/studentpolicy.pdf>). ULM student services, such as Student Success Center (<http://ulm.edu/cass/>), Counseling Center (<http://ulm.edu/counselingcenter/>), and Student Health Services, is available at the following Student Services web site <http://ulm.edu/studentaffairs/>.

If you are having problems with emotional, social, and/or behavioral issues please call any of the mental health clinics on the ULM campus to make an appointment. All services are free to ULM students, staff, and faculty, and are strictly confident.

COP Office of Student and Professional Affairs: [342-3800](tel:342-3800)

ULM Counseling Center: [342-5220](tel:342-5220)

Marriage and Family Therapy Clinic: [342-5678](tel:342-5678)

Community Counseling Center: [342-1263](tel:342-1263)

ULM HELPS (Helping Educators & Learners Prevent Suicide) Project Office: [342-1335](tel:342-1335)

The University of Louisiana at Monroe strives to serve students with special needs through compliance with Sections 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. These laws mandate that postsecondary institutions provide equal access to programs and services for students with disabilities without creating changes to the essential elements of the curriculum. While students with special needs are expected to meet our institution's academic standards, they are given the opportunity to fulfill learner outcomes in alternative ways. Examples of accommodations may include, but are not limited to, testing accommodations (oral testing, extended time for exams), interpreters, relocation of inaccessible classrooms, permission to audiotape lectures, note-taking assistance, and course substitutions.

Title IX of the Education Amendments of 1972 prohibits sex discrimination against any participant in an educational program or activity that receives federal funds, including federal loans and grants. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct, sexual violence, sexual harassment and retaliation. If you encounter

unlawful sexual harassment or gender-based discrimination, please contact Student Services at 318-342-5230 or to file a complaint, visit www.ulm.edu/titleix.

G. Emergency Procedures: Please review the emergency escape plan in the classrooms and hallways of the Bienville building. Move quickly and orderly to the appropriate stairwell and exit the building. The meeting place for this class will be the far end of the north parking lot between Bienville and Broadmoor Blvd. Under no circumstances is the elevator to be used for emergency evacuation. Any student needing assistance should notify the professor immediately. For emergencies, to contact University Police, call 1-911 from landlines and 342-5350 from cell phones. **The course coordinators reserve the right to adjust the syllabus or schedule, in accordance with University and School policies and procedures.**

Federal Regulations require determination and verification of every students' physical location while enrolled in classes (where they are physically located while taking classes), regardless of the delivery method (on campus, online). At the beginning of every semester and whenever physical location changes, students must update or verify their current location through banner <https://ssb-prod.ec.ulm.edu/PROD/bwgkogad.P.SelectAtypUpdate>. Students should do this by the end of the first week of classes.

H. Course Specific Policies: All students enrolled in the course will be expected to check Moodle daily for assignments, readings, and communications from course faculty. Students are responsible for **all** information received via email and posted to Moodle.

2021 Women's Health and the Pharmacist Course Schedule

The instructor reserves the right to adjust the schedule as needed AND classroom and hours of class

Meeting Dates & Times: *Tuesday and Thursday 3PM – 4:15PM* in Room B110

Date	Topic	Instructor
8/17	Intro Class Overview	Robertson
8/19	PK and PD differences in women Health disparities	Robertson
8/24	Autoimmune Diseases – MS/SLE	Robertson
8/26	GI issues – Celiac Disease and IBS	Robertson
8/31	Adolescent Health	Tice
9/2	NO CLASS	
9/7	Women's Legal and Ethical Issues	Evans
9/9	Women's Health Research/Clinical Trials	Donald
9/14	Work-related Health Issues	Terrell
9/16	IPE Day – will not meet	
9/21	Mental Health	Robertson
9/23	Cardiovascular Disease in Women	Miller
9/28	Women's Self Care/OTC Health/Diagnostic Screening	Robertson
9/30	Female life stages/hormonal cycle/reproduction	Robertson
10/5	Contraception and Family Planning	Robertson
10/7	Endometriosis/PCOS/Infertility	Robertson
10/12	Miscarriage/Pregnancy & Infant Loss	Robertson
10/14	Diseases in pregnancy & lactation: Diabetes/HTN/Mental Health Issues	Grandpre
10/19	Labor & Delivery; Breastfeeding	Brady/Robertson
10/21	Guest Speaker - Dr. Leslie Southard, The Lactation Pharmacist	Robertson
10/26	Postpartum Care/Infant Care	Robertson
10/28	Menopause/Aging	Rotundo
11/2	TBD	Robertson
11/4	Breast Cancer and Research	Sylvester
11/9	Cancer Survivorship	Comeau
11/11	Cancer Survivorship	Comeau
11/16	Virtual Poster Presentations/Seminar	Robertson
11/18	Virtual Poster Presentations/Seminar	Robertson
11/23	Course recap/conclusion	Robertson