

Therapeutics 7
PHRD5039
CRN#64548

I. Contact Information

Course Coordinator:

Name: Michelle Zagar, Pharm.D., M.Ed.

Phone: 318-342-3173

Email: zagar@ulm.edu

Office Location: Bienville 113

Office Hours: Monday-Thursday 1:30-4 pm, or by appointment

Preferred Method of Communication: email or office hours

Course Instructors:

Name: Nektarios Barabutis, Ph.D.

Phone: 318-342-1460

Email: barabutis@ulm.edu

Office Location: Bienville 386

Office Hours: Monday-Thursday 2-4 pm, Friday 10 am - 12 pm

Office Location: Bienville 117

Office Hours: Monday-Thursday 1-4 pm, Friday by appt.

Preferred Method of Communication: email

- x Develop a plan for monitoring the pharmacotherapeutic regimen for efficacy, toxicity, and adverse effects. (1.1, 2.1, 3.1)
- x Develop a plan for educating patients and caregivers regarding the appropriate use, safety, and efficacy of medications. (1.1, 2.1, 3.1)
- x Evaluate the appropriateness of patient-specific therapy and modify therapy as needed. (1.1, 2.1, 3.1)

VI. Course Topics

Pharmacology, medicinal chemistry and therapeutics related to bone and joint disorders, dermatology, diseases of the eye, pediatrics, women's health, transgender care, and geriatrics.

VII. Instructional Methods and Activities

Instructional methods may include: traditional lectures, distance learning, in-class discussion of patient cases, small group discussions, problem-based learning, case-based learning, and individual projects or assignments. Quizzes or other graded in-class exercises may also be administered. Technology may include distance education by Zoom or similar software, electronic drawing boards, Poll Everywhere, and Moodle.

VIII. Evaluation and Grade Assignment

- x There will be 5 exams total. The final exam will not be comprehensive. Each 50-minute class period, excluding case and guest speaker days, will be represented by 8 points on the exam.

Exam 1: 80 points

Exam 2: 64 points

Exam 3: 80 points

Exam 4: 80 points

Exam 5: 80 points

Quizzes/assignments: TBD**

Total points for the course: 384**

** Quizzes &/or assignments may be given as deemed necessary by each faculty member.

The points available from these quizzes and assignments will be added into the denominator for the total number of points available for the course, and the course grade determined accordingly. Quizzes/assignments will not exceed 5% of the final grade for the course. Grades for exams and assignments will be posted within 2 weeks of

administering the exam. All exams must be uploaded before leaving the classroom; in the event of a power outage or loss of Wi-Fi connec

- b. Attendance Policy: Class attendance is regarded as an obligation as well as a privilege, and students are expected to know attendance regulations and to attend regularly and punctually at classes in which they are enrolled. Failure to do so may: (1) prevent access to the classroom during regularly scheduled times; (2) jeopardize a student's scholastic standing; and (3) lead to suspension from the College or University. Students must submit excuses for class absences to course coordinators within three classdays after returning to classes.

Professors shall accept an official University excuse. With the following exceptions, professors are to determine whether absences are excused or not excused: 1) Absences arising from authorized trips away from the University or from special duties at the University shall be excused. 2) Absences arising from a student's confinement in a hospital or other in-patient facility or doctor's excused absences shall be excused. Students are responsible for providing documentation to the faculty, which will be verified. 3) Absences arising from a death in the immediate family shall be excused. The immediate family is defined as spouse, child, step-child, mother, father, sister, brother, grandmother, grandfather, step-mother, step-father, step-brother, step-sister, aunt, uncle, mother-in-law or father-in-law.

- c. Mental and/or Physical Health Leave of Absence: A student who feels he/she needs a Leave of Absence should make an appointment with the Assistant Dean of Student Affairs and Development or the Director of Student Success as soon as the student recognizes this need. The leave of absence will not be considered by the Course Coordinator(s) for excuse until after the Assistant Dean of Student Affairs and Development and/or the Director of Student Success has been contacted. Do not directly contact the course coordinator(s) until after speaking with the Assistant Dean of Student Affairs and Development or the Director of Student Success.

A Leave of Absence is considered to be a period of time when a student does not attend classes but intends to return at some point. Individuals typically take a Leave of Absence when depression, anxiety, trauma, substance use, or other disorder is interfering with his/her daily life to the point that he/she is unable to function and complete required tasks. A Leave of Absence can also be taken for medical reasons, such as a serious medical condition or to care for a family member with a health condition. Once granted, a student may not attend classes or any College sponsored event during a Leave of Absence.

Any leave of absence for medical and/or mental health reasons that exceeds 72 hours will require clearance from a licensed provider before returning to classes.

- d. Make-up Policy: Each student is expected to attend each exam at the date and time specified. If a student cannot attend an exam due to valid University excuse, he/she must speak directly with the course coordinator, as soon as possible. The course coordinator must be notified prior to an examination if a student misses an exam. The ULM OP Excused Absence Policy must be followed. Please refer to the official document for details. In case of emergency, the course coordinator must be notified within 48 hours of the emergency. Failure to do so will result in a zero (0) grade for that exam. Make-up exams will be prepared at the same or higher level than the original exam. The format of the make-up exam may be written or oral. Failure to attend a scheduled make-up exam will result in a zero (0) grade for that exam. Students missing an exam due to a University approved excuse will take the make-up exam during the week of finals, or as determined by the course coordinator. <http://www.ulm.edu/pharmacy/currents.html>
- e. Academic Integrity: Faculty and students must observe the ULM published policy on Academic Dishonesty (see Page 4 of the ULM Student Policy Manual - <http://www.ulm.edu/studentpolicy/>). All professional students will adhere to the standard set forth in the College of Pharmacy's Code of Conduct (<http://www.ulm.edu/pharmacy/currents.html>).
1. Unless expressly allowed by the instructor, the use of artificial intelligence (AI) tools and applications (including ChatGPT, DALL-E and others) to produce content for course

assignments and assessments is a violation of the ULM College of Pharmacy's Code of Conduct and is prohibited.

Censures (Penalties)

Academic dishonesty will result in a referral to the Academic Standards and Ethics Committee. If

stairwell and exit the building. The meeting place for this class will be the far end of the south parking lot between the Bienville building and Tower Drive. 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 -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 College policies and procedures.

- i. Federal Regulations require determination and verification of every student's 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/bwggkogad.P_SelectAtypUpdate. Students should do this by the end of the first week of classes.
- j. This course is a major requirement for the Pharm.D. degree in Pharmacy. Completion of degree requirements leads to eligibility for professional licensure and/or certification in Louisiana upon graduation. Federal Regulations require universities to provide information to students about the alignment between Louisiana's requirements and those of other states. ULM has created a web page with discipline-specific information containing hyperlinks to Licensure Boards in the United States <https://www.ulm.edu/professional-licensure-disclosures/index.html>. Program Directors and/or faculty will discuss this information with you during advising or other program meetings but is also available to answer questions and address any concerns you might have. It is also

X. Tentative Course Schedule: *subject to change at the discretion of the Course Coordinator

Classwill meet in Bienville 170; Tu/Th 11:00am ~~11:50am~~ and Fri 8:00am ~~9:50am~~

Day	Date	Lecture	Topic	Instructor
Tu	16-Jan	1	Calcium/Phos/Vitamin D Pcol	Barabutis
Th	18-Jan	2	Osteoporosis Agents, Pcol	Barabutis
F-8am	19-Jan	3	Osteoporosis Agents, Med Chem	El Sayed
F-9am	19-Jan	4	Vitamin D Deficiency	Horace
Tu	23-Jan	5	Osteoporosis Therapeutics	Horace
Th	25-Jan	6	Gout Med Chem (not NSAIDs)	El Sayed
F-8am	26-Jan	7	Gout Pharmacology	Briski
F-9am	26-Jan	8	Gout Therapeutics	Cockerham
Tu	30-Jan	9	Osteoarthritis Therapeutics	S. Hill
Th	1-Feb	10	Osteoarthritis Therapeutics	S. Hill
F-8am	2-Feb	11	DMARDs, RA/SLE Biologics Med Chem	El Sayed
F-9am	2-Feb	12	Rheumatoid Arthritis Therapeutics	Brady
Tu	6-Feb	13	Rheumatoid Arthritis Therapeutics	Brady
Th	8-Feb		Exam 1 (lectures 1 10) – 80 pts	
F-8am	9-Feb	14	Lupus (SLE)	Brady
F-9am	9-Feb	15	Acne/Psoriasis/Nail Infection Pcol	Briski
Tu	13-Feb		Mardi Gras Break	
Th	15-Feb	16	Acne/Psoriasis/Nail Infection Med Chem	Barabutis
F	16-Feb	17	Acne Therapeutics/Rx Induced Skin Reactions	S. Hill
F	16-Feb	18	Psoriasis Therapeutics	S. Hill
Tu	20-Feb		Exam 2 (lectures 11 18) – 64 pts	
Th	22-Feb	19	Eczema/Dermatitis Therapeutics	
F-8am	23-Feb	20	Nail Infection Therapeutics	
F-9am	23-Feb	21	Pathophysiology of the Eye	
Tu	27-Feb	22	Glaucoma, Dry Eye, Antibacterial Pcol	
Th	29-Feb	23	Glaucoma, Dry Eye, Antibacterial Med Chem	Barabutis
F-8am	1-Mar	24	Glaucoma, Dry Eye, Antibacterial Med Chem	Barabutis
F-9am	1-Mar	25	Conjunctivitis	S. Hill
Tu	5-Mar	26	Glaucoma Therapeutics	Zagar
Th	7-Mar	27	Glaucoma Therapeutics	Zagar
F-8am	8-Mar	28	Dry Eye Therapeutics	Zagar

