

## BIOL-4520/-5520 Biochemical Pharmacology

Spring 2021

**Instructor:** Dr. Yuqi Wang, MW241, 314-977-4178, [yuqi.wang@slu.edu](mailto:yuqi.wang@slu.edu)

**Class Times:** Tuesday and Thursday, 9:30 – 10:45 AM  
Zoom

**Office Hours:** Thursday 1:00 – 3:00 PM or by appointment  
Zoom.

### Course Description

This course is designed to give students a good understanding of fundamental principles of pharmacology. The course will utilize the knowledge that students gained in organic chemistry, biochemistry, molecular biology and physiology to learn about how drugs interact with various targets in the body and how our body affects these compounds. The course begins with basic principles of pharmacology, pharmacokinetics and pharmacodynamics such as sites of drug action, agonists and antagonists.

- 1. Exams (70%):** throughout the semester, there will be a total of four exams. The first three of which will be given during regular class periods and the fourth one (not cumulative) will be given during the final week. Each exam on its own is worth 100 points. To diminish the stress, the lowest exam will only be counted half, thus the total exam points possible will be 350 instead of 400. If one scores 90, 82, 80, and 60 on the four exams, his/her scores will be  $(90 + 82 + 80 + 60/2) = 282$ . Exams constitute 70% of the final grade.
- 2. Critique of a research paper (10%):** each student is required to write a critique on one of the four research papers to be discussed in class. The critique will be due the date the paper being discussed. It will be graded on the clarity of writing, the quality of the points presented, the skill with which the arguments are made, and the quality of the writing. A critique that reflects criti

and excuses require written documentation, and are limited to death or near-death instances in the immediate family, a                      ess that requires im

assessment survey during the posted period at the end of the semester to receive a grade.

**Academic Integrity and Honesty**

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contact the Office of Diversity and Affirmative Action. Please telephone the office at 314-977-8885, or visit DuBourg Hall Room 36.

## CLASS SCHEDULE

The following is a tentative schedule of the course, and it may be subject to change.

Date		Topic
Jan 28	Th	Introduction and Course Overview
Feb 2	Tu	