

**PHM 287N, Biopharmaceutics
Course Syllabus
Fall 2016**

Unique Number: 59795

Course Description:

Biopharmaceutics (PHM 287N) introduces first-year PharmD students at the University of Texas at Austin to key concepts of biopharmaceutics. Topics including introduction to pharmaceuticals, routes of drug administration, drug absorption and distribution, basic pharmacokinetics and pharmacodynamics, and bioequivalence are discussed with the purpose of improving the evaluation of drug products and the therapeutic management of patients. Additionally, the U.S. Food and Drug Administration new drug approval process and the applications of radioisotopes in biopharmaceutics and pharmacy practice are discussed.

Class Time: W 8:00 - 9:50 A.M.

Coordinator and Instructor:

Zhengrong Cui, Ph.D.

Teaching Assistants:

TBA

Textbook(s):

Prereading materials and lecture handouts for each lecture will be available on Canvas prior to each class. There is not a required textbook. However, the *Applied Biopharmaceutics & Pharmacokinetics* (6e) by Leon Shargel, Susanna Wu-Pong, Andrew B.C. Yu is freely available as an eBook in the University of Texas at Austin library, and you may find some chapters useful.

<http://accesspharmacy.mhmedical.com/book.aspx?bookId=513>

Grading Scheme for PHM 287N:

- Readiness assessment quizzes will count as 20% of the final grade.
- Exams will count toward 80% of the final grade.

Examination Schedule for PHM 287N:

Time and location of examines will be announced during the first week.

Course Grading:

Course grades based on semester average:

A 93-100	B+ 87-89	C+ 77-79	D 60-69
A- 90-92	B 83-86	C 73-76	F < 60
	B- 80-82	C- 70-72	

Examination Policy for PHM 287N:

Students must arrive on time for the readiness assessment quizzes and examinations. All instructions and corrections will be made at the beginning of the examination period and will not be repeated. Students arriving after any students have completed the exam and left the room may not be allowed to sit for the exam, and may receive a score of zero for the exam.

No allowances will be made for an exam being missed, other than documented illness or emergency. The student must contact the course instructor for confirmation **prior to** the exam. If permission is granted to delay the exam or to take the exam earlier, it is the student's responsibility to complete the College Form titled "Student Request for Alternate Exam Time" for final consideration and final approval by the faculty member. In this event, the nature of the exam will be at the discretion of the course instructor (oral, written, increased weighting on the final, etc.). An unexcused absence from an exam may result in a grade of "zero" for that exam or quiz.

Service to Students with Disabilities:

Any student with a documented disability (physical or cognitive) who requires academic accommodations should contact the Services for Students with Disabilities at 512-471-6259 (voice) or ssd@austin.utexas.edu (email) as soon as possible to request an official letter outlining authorized accommodations.

Scholastic Dishonesty:

The "Statement on Scholastic Integrity of the College of Pharmacy" reads as follows: "Pharmacy practitioners enjoy a special trust and authority based upon the profession's commitment to a code of ethical behavior in its management of client affairs. The inculcation of a sense of responsible professional behavior is a critical component of professional education, and high standards of ethical conduct are expected of pharmacy students. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including failure of the course involved and dismissal from the college and/or the University. Since dishonesty harms the individual, fellow students, and the integrity of the University and the College of pharmacy, policies of scholastic dishonesty will be strictly enforced in this class".

Students are expected to work independently on all examinations and quizzes. Any student caught cheating will be given a "zero" on the exam (minimum). Any student suspected of dishonesty will be reported to the Dean of the College of Pharmacy and to the Dean of Students, as per University regulations. Students are expected to have read and understood the current issue of the General Information Catalog published by the Registrar's Office for information about procedures and about what constitutes scholastic dishonesty.

Class Decorum:

- It is your responsibility to attend class and conduct yourself in a manner respectful to both faculty and your fellow classmates in the classroom.
- If you miss a class for any reason, you will be held responsible for the material covered and announcements made in your absence.
- Because this course is taught by active learning, attendance is necessary in order to achieve the best learning experience. Therefore lecture attendance is highly encouraged and it is student's responsibility to be on time to take readiness assessment quizzes during each lecture.
- A professional atmosphere will be maintained. Social visits, talking or texting on cell phone, surfing the internet for materials unrelated to the course are not permitted.

College Policy on Rescheduling Assignments and / or Examinations:

I would like to discourage you from trying to re-schedule an examination or an assignment. However, I understand that there are occasions where rescheduling is justifiable. In the event that you must have to reschedule an exam or an assignment please complete a "Student Request for Alternate Examination Time" available in the Student Affairs Office of the College of Pharmacy. This form asks you to justify the reason(s) for your request. I will then review your request and decide if your request merits re-scheduling of the assignment or examination. Missed readiness assessment quizzes cannot be made up, however.

Posting Student Scores:

Students can access their exam and quiz scores via the Canvas page of this course. This can be accessed by logging on to UT Austin Canvas using your UTEID.

Post-exam Remarks and Reconsideration Requests:

If a student believes that an error has been made in grading an exam question, the student will be required to provide a *written justification* to the course instructor within **one week** of the exam return date. This will allow the error to be corrected in a timely manner. After the one week period for corrections, **NO ADDITIONAL CHANGES** will be made to exam grades. However, any errors in score calculation will always be corrected.

Calculators and Computers:

You will need a calculator to occasionally answer questions that involve calculations. In addition, you will need a device (e.g. laptop, smartphone, iPad, etc.) that allows you to access Canvas during class/lecture time.

Other Electronic Devices:

As a courtesy, please ensure that all cell phones are turned off or muted prior to attending class. Use of wireless devices is strictly prohibited during periods that contribute to individual assessment (i.e. quizzes, exams).

Accommodation for Religious Holidays:

By UT Austin policy, you must notify the instructor of your pending absence at least fourteen days prior to the date of observance of a religious holy day. If you must miss a class or an examination in order to observe a religious holy day, you will be given an opportunity to complete the missed work within a reasonable time after the absence.

Emergency Evacuation:

Please refer to the Office of Campus Safety and Security (512-471-5767, <http://www.utexas.edu/safety/>) for recommendations regarding emergency evaluation.

Campus Carry:

“Students should familiarize themselves with the information provided by the University regarding the implementation of “Campus Carry” legislation. You will find an information sheet specifically for students (as well as sheets for parents, visitors, faculty, and staff) at <http://campuscarry.utexas.edu/info-sheets>.”

Lecture Schedule:

As a part of active learning experience, during the first lecture, all the topics that will be covered in the semester will be introduced, and the order by which each topic will be taught/learned during the semester will be determined by the class following group discussion.