

PHR 341C - PHARMACEUTICAL BIOCHEMISTRY
STATEMENT OF COURSE POLICY
FALL 2008 (#63040)

TIME AND LOCATION PHR 2.110, 9:30-11:00, TTh
PHR 2,110, 10-11, Friday, Optional Review Session (except 8/29,
10/17, and 10/31)

FACULTY Dr. Chris Whitman, BME 6.202A, Course Coordinator
(471-6198, whitman@mail.utexas.edu)
Dr. Kevin Dalby BME 6.202B
(471-9267, dalby@mail.utexas.edu)

The BME building is on the southeast corner of Dean Keeton and University (across the street from the Student Services building!). You enter the building on Dean Keeton on the 3rd floor. Take the elevator (or the stairs) to the 6th floor. Get out of the elevator, turn left, and go through the double doors.

OFFICE HOURS As announced and posted by individual Faculty

GENERAL TOPICS Structure and Function of Proteins (Whitman, 6 lectures)
Enzymes and Vitamins (Whitman, 5 lectures)
Metabolism, Carbohydrates, Vitamins (Whitman 7 lectures)
Lipids, Membranes and Disease (Dalby, 2 lectures)
Importance of Energetics in Metabolism (Dalby, 2 lectures)
Lipid and Cholesterol Metabolism (Dalby, 5 lectures)

TEXT Biochemistry (6th Edition) by Mary K. Campbell and Shawn O. Farrell

EXAMINATIONS Exam 1 - Dr. Whitman (Mon., Oct. 6, PHR 2.108 and PHR 2.110)
Exam 2 - Dr. Whitman (Wed., Nov. 12, Welch 2.224)
Exam 3 - Dr. Dalby (Thurs., Dec. 4, CPE 2.208 and CPE 2.214)
Final Exam – Date during Finals week, Dec. 12-18th, 100 pts)

The exam rooms are subject to change!

All Exams (including the final) are from 7-9 PM and are worth 100 points each!!!

Dr. Whitman's exams will be returned (except the Final Exam) in a timely fashion, and once the key to an exam is posted, the student will have three calendar days to submit requests for a reconsideration of the answers to specific questions. The student must outline his/her arguments in writing and submit them (dated) to the Faculty member. ("What I thought you meant" is not a good argument!) After this three-day period **no exams will be re-graded, and no grade changes will be made.** Dr. Dalby may or may not return the exam (but will return the bubble sheet).

It is the policy of the Division that a course grade of F be assigned, and the policy of the College of Pharmacy to dismiss for at least one long semester, any student determined to be involved in any deliberate act involving scholastic dishonesty.

RESCHEDULING & MAKEUP-EXAMS. Students who are ill or otherwise unable to take any examination must inform the faculty member involved **PRIOR TO THE EXAMINATION**. Students who do not do so will receive a grade of **ZERO** for that exam (not good for your final grade). The nature of the make-up examination is entirely the prerogative of the Faculty member. Students who have compelling reasons as to why they cannot take the exam at the scheduled time must see Dr. Whitman well in advance of the exam (at least 3 days!). “I have to work” is not a compelling reason.

If you meet the University’s criteria for a reexamination of the final examination (found in the General Information Catalog either on the Web or in print), then a reexamination petition will be considered.

The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students (SSB 4.104) at 471-6259, 471-4641 (TTY).

FINAL COURSE GRADE. The grading scale may be curved more leniently as determined at the end of the semester by the Faculty.

A (90-100); B (80-89); C (70-79); D (60-69); F (below 60).

Here is last year’s grading scale (but past performance is not an indicator of the future!!!!!!)

A (89-100); B (79-88); C (70-78); D (60-68); F (below 60).

**Pharmaceutical Biochemistry
PHR 341C
Approximate Course Outline Fall 2008**

- I. Biochemistry and the Organization of Cells (Ch. 1)
- II. Water: The Solvent for Biochemical Reactions (Ch. 2)
- III. Amino Acids and Peptides (Ch. 3)
- IV. The Three-Dimensional Structure of Proteins (Ch. 4)
- V. Protein Purification and Characterization Techniques (Ch. 5)
- VI. The Behavior of Proteins: Enzymes (Ch. 6)
- VII. The Behavior of Proteins: Enzymes, Mechanisms, and Control (Ch. 7)

EXAMINATION #1 (Monday, October 6, 7-9 pm, PHR 2.108 and 2.110)

- I. Start Vitamins and Coenzymes (Ch 7.8 and Table 7.1 with associated sections, Ch. 8.7)
- II. The Importance of Energy Changes and Electron Transfer in Metabolism (Ch. 15)

- III. Carbohydrates (Ch. 16)
- IV. Glycolysis (Ch. 17)
- V. Storage Mechanisms and Control in Carbohydrate Metabolism (Ch. 18)
- VI. The Citric Acid Cycle (Ch. 19 and Ch. 24)
- VII. Finish Vitamins and Coenzymes (Ch 7.8 and Table 7.1 with associated sections, Ch. 8.7)

EXAMINATION #2 (Wednesday, November 12, 7-9 pm, Welch 2.224)

- I. Lipids and Proteins are Associated in Biological Membranes (Ch. 8).
- II. The Importance of Energy Changes and Electron Transfer in Metabolism (Ch. 15)
- III. Electron Transport and Oxidative Phosphorylation (Ch. 20)
- IV. Lipid Metabolism (Ch. 21)

EXAMINATION #3 (Thursday, December 4, 7-9 pm, CPE 2.208 and CPE 2.214)

CUMULATIVE FINAL (EXAMS 1-3)

Special Notes:

1. No Class Thursday October 16th!!!

2. Dr. Dalby will lecture on Thursday Oct 30th. Dr. Whitman will lecture on Tuesday Nov 4th. Dr. Dalby will lecture for the remaining Tuesdays (starting on Nov 6th) and Thursdays in the semester.