

# Organic Chemistry / Biochemistry II – CHM 3218/5305 Syllabus

Fall 2015: Tuesday and Thursday (8:30-10:25am) in CLB C130

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**Instructor:** Rebecca Butcher, butcher@chem.ufl.edu; Office location: Leigh Hall 340  
**Teaching Assistants:** Yuting Wang, yutingwang@chem.ufl.edu  
Yue Zhou, yzhou@chem.ufl.edu  
Megan Le, mmle@ufl.edu

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**Office hours:**

Prof. Butcher – Mon. 6<sup>th</sup> period (12:50-1:40pm), Thurs. 6<sup>th</sup> period (12:50-1:40pm), Friday 8<sup>th</sup> period (3-3:50pm) and by appointment (schedule by e-mail) in Leigh 340  
Megan – Tues. 5<sup>th</sup> period (11:45-12:35pm) in Leigh 400  
Yue – Tues. 8<sup>th</sup> period (3:00-3:50pm) in Leigh 400  
Yuting – Wed. 9<sup>th</sup> period (4:05-4:55pm) in Leigh 400

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**Course Description.** This class covers material commonly found in undergraduate biochemistry courses, with an emphasis on application of concepts from organic chemistry. Topics will include amino acids and proteins, enzyme structure, mechanisms and kinetics, primary metabolism, and nucleic acid structure and metabolism.

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**Prerequisites.** Students should have taken and passed either CHM 2210 and 2211 or CHM 3217.

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**Textbook:** Principles of Biochemistry by David Nelson and Michael Cox, 5<sup>th</sup> or 6<sup>th</sup> Edition, WH Freeman and Company. Handouts, recommended practice problems, and additional course material will be posted on the course E-learning (Sakai) website.

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**Lecture schedule.** A tentative lecture schedule with recommended reading and problems is posted on the course E-learning website. However, as the semester progresses, this schedule may be updated depending on how quickly we progress through the course material. Please make sure you have the most up-to-date version by checking the date in the file name of the lecture schedule.

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<b>Exams:</b>	Exam #1	Sept. 22
	Exam #2	Oct. 22
	Exam #3	Nov. 24
	Final Exam	Wednesday, Dec. 15 @ 7:30 am – 9:30 am

All exams are held in our regular classroom CLB C130. Out of the three regular exams, the lowest grade will be dropped, and the remaining two exams will each count 1/3 of the course grade. Since one exam is dropped, no make-up exams will be scheduled. The final exam (which cannot be dropped) will be worth 1/3 of the course grade. The exams will emphasize lecture material, ungraded problem sets, and practice exams. Much of the lecture material is not in the textbook. So, come to every class and take detailed notes, or you will not do well in this course! The final exam will be cumulative, but will concentrate (~40%) on material from after the third exam.

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**Grading.** Your final grade is assigned based on a curve that is determined at the end of the course. After each exam, approximate letter grade distributions will be posted so that you will have a feel for your performance relative to others in the class as the semester progresses. Grades for exams will be curved so the median for the class is a "B/B-". For information on UF's Grading Policy, see: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

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**Accommodations for students with disabilities.** Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

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**UF Honor Code:** We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity. "The university requires all members of its community to be honest in all endeavors. A fundamental principle is that the whole process of learning and pursuit of knowledge is diminished by cheating, plagiarism and other acts of academic dishonesty. In addition, every dishonest act in the academic environment affects other students adversely, from the skewing of the grading curve to giving unfair advantage for honors or for professional or graduate school admission. Therefore, the university will take severe action against dishonest students. Similarly, measures will be taken against faculty, staff and administrators who practice dishonest or demeaning behavior."

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**Copyright Notice.** Handouts used in this course may not be distributed to outside parties without Prof. Butcher's permission.