

## Organic Chemistry/Biochemistry II

CHM 3218/5305

Fall 2012

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**Instructor:** Steve Bruner

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**Teaching Assistants:**

Matt Burg      mburg@chem.ufl.edu      Leigh Hall 335

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**Office hours:** Prof. Bruner: Mondays 9-10, Tuesdays 1:30-2:30 and Thursdays 2-3 or by appointment (email).

Matt: Tuesdays 10:30-11:30      Weihung: Wednesdays 1-2

**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.

**Prerequisites:** Students should have taken and passed either CHM 2210 and 2211 or CHM 3217 before attempting this course

**Exams:**

Exam #1	September 20th
Exam #2	October 23rd
Exam #3	November 15th
Final	December 10th @5:30pm

Out of the three exams, the lowest grade will be dropped and the remainder will each count 30% of the final grade. The final will be worth 30%. Since one exam is dropped, there will be no makeup exams. The exams will emphasize lecture material and assigned problems.

**Quizzes:** On Thursdays, there will be a short (10 minute) quiz given after the break in the middle of class. The three lowest scores will be dropped and the remainder will count for 10% of your final grade. There will be no makeup quizzes.

**Recommended textbook:** Lehninger Principles of Biochemistry, Fifth or Fourth Edition, Nelson, D. L. and Cox, M. M. W.H. Freeman & Co.

Handouts, problem sets and additional course material will be posted online.

**Academic honesty:** Any act of academic dishonesty will be reported to the Dean of Students, and may result in failure of the assignment in question and/or the course. For University of Florida's honor code, see <http://www.dso.ufl.edu/sccr/honorcodes/honorcode.php>.

**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. Contact the Disability Resources Center (<http://www.dso.ufl.edu/drc/>) for information about available resources for students with disabilities.

**Grading scheme:** Grades for exams and quizzes will be curved so the median for the class is at the "B/B-". For information on UF's Grading Policy, see:

<http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>;

<http://www.isis.ufl.edu/minusgrades.html>

**Course syllabus:** The course will cover approximately the first 20 chapters of the text.