

CHEM 3811-1: Biochemistry-Proteins

Class Times: 11:00-11:50 a.m., MWF, Boettcher Center East 209

Instructor: Professor Bruce E. Bowler

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Text: Lehninger Principles of Biochemistry, Fourth Edition, Nelson and Cox, Worth Publishers, 2004.

Topics Covered

Topic	Chapter
Biochemistry: the big picture.	1
Biological importance of water.	2
Amino acids and proteins.	3
Protein structure and folding.	4
Protein function.	5
Enzymes, enzyme mechanisms and enzyme regulation.	6

Exams: There will be two in-class hour exams, each worth 150 points as well as a final exam (200 points) which will cover all the material presented in the course.

Hour Exam I:	Friday, October 7, 2005 (approximate coverage, Chapters 1-3)
Hour Exam II:	Friday, November 4, 2005 (approximate coverage, Chapters 4, 5, some of 6)
Final Exam:	Monday, November 21, 2005 10:00 a.m. - 11:45 a.m. (comprehensive)

Office Hours: Tuesday and Thursday 11:00 a.m.-noon or by appointment.