

CHEM 3810-2: Biochemistry II**Instructor:** Professor Bruce E. Bowler**Phone:** 871-2985**Office:** SGM 251**E-mail:** bbowler@du.edu

Text: Lehninger Principles of Biochemistry, Third Edition, Nelson and Cox, Worth Publishers, 2000.

Topics Covered

Topic	Chapter
Carbohydrates	9
Lipids	11
Biological Membranes and Transport	12
Biosignaling	13
Principals of Energetics	14
Gylcolysis and the Catabolism of Hexoses	15
The Citric Acid Cycle	16
Oxidative Phosphorylation and Photophosphorylation	19

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, February 2, 2001
(approximate coverage, Chapters 10, 11, 12, and 13)

Hour Exam II: Friday, March 2, 2001
(approximate coverage, Chapters 14, 15, and 16)

Final Exam: Wednesday, March 14, 2001
10:00 - 11:45 AM
(comprehensive)

Holiday: Martin Luther King Day, Monday, January 15th, 2001, no class

Office Hours: Thursday 9:00 a.m.-10:00 or by appointment.