

CHEM 3812 - Biochemistry - Membranes & Metabolism
MWF, 11 am-11:50 am, Boettcher Center East, Rm 102

Prerequisite: CHEM 3811

Instructor: Dr. Mansy
office: SGM 251
email: smansy@du.edu

Book: Lehninger: principles of biochemistry, 4th ed.

You are required to know everything that is discussed in class or assigned in the text book.

Topics

amino acids and proteins (chapter 3)
carbohydrates (chapter 7)
lipids (chapter 10)
biological membranes and transport (chapter 11)
biosignalling (chapter 12)
bioenergetics (chapter 13)
glycolysis, gluconeogenesis, and the pentose phosphate pathway (chapter 14)
citric acid cycle (chapter 16)
fatty acid catabolism (chapter 17)
oxidative phosphorylation and photophosphorylation (chapter 19)

cumulative exams

exam 1: Jan 28, 2008
exam 2: Feb 20, 2008
exam 3: Mar 14, 2008

Office hours

Tues, 11 am - noon
or schedule a time with me