

CHEM 3813 - Biochemistry - Nucleic Acids  
MWF, 11 am - 11:50 am, Olin Hall, Room 105

Prerequisite: CHEM 3812

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.

#### Textbook Chapters

structures of amino acids, lipids, sugars, & nucleotides  
nucleotides and nucleic acids (chapter 8)  
DNA-based information technologies (chapter 9)  
genes and chromosomes (chapter 24)  
DNA metabolism (chapter 25)  
RNA metabolism (chapter 26)  
protein metabolism (chapter 27)  
regulation of gene expression (chapter 28)

#### cumulative exams

exam 1: April 16, 2008  
exam 2: May 9, 2008  
exam 3: May 30, 2008

Grades will be determined by each exam (100 points each) and a group seminar (100 points). More details on the seminar will be given after the 1st exam.

#### Office hours

schedule a time with me