

CHEM 3813 Biochemistry - Nucleic Acids

Instructor: Dr. Michelle Knowles

Office: SGM 101

Office hours: M 1-2pm, W 9-10am

Contact info: michelle.knowles@du.edu



Book: Principles of Biochemistry, 5th Edition, Lehninger

Chapters Covered:

<i>Chapter</i>	<i>Topic</i>	<i>Dates</i>
8	Nucleotides and Nucleic Acid Structure	Week 1
9	DNA based information technologies	Week 2
24	Genes and Chromosomes	Week 3-4
25	DNA metabolism	Week 4-5
26	RNA metabolism	Week 5-6
27	Protein Metabolism	Week 6-7
28	Regulation of Gene Expression	Week 8-9
	Talks on current Nucleic Acid Research	Week 9-10

Grading:

- Group presentations on current scientific research (50 pts)
 - 5 points will be given for attending a chemistry departmental seminar and writing a one page summary of the science and what you liked or disliked about the speaker's style. 4pm Thursdays.
 - I will provide topics. If you have a specific interest, please contact me.
- Exams (100 pts each, 3 exams) Dates: April 7, April 23, May 14
- Final Exam (50 pts, covers the talks) Date: June 3, 12-1:50pm

Clickers will be used and need to be registered on Blackboard.

Sick Policy: If you are going to miss an exam or quiz because you are ill call or e-mail me *prior* to class to be excused.