

## BIOL/CHEM 482/582 Tentative Schedule

Class meets MW 10:50-12:05 pm

Date	Lecture	Text Readings	Description
21-Jan	1	Chap. 14	Syllabus, Metabolomics
26-Jan	2	Chap. 14	Insulin Signaling
28-Jan	3	Chap. 14, 15	Quiz #1, EGF Signaling
2-Feb	4	Chap. 15	Fuel Oxidation
4-Feb	5	Chap. 15	Recurring Motifs
9-Feb	6	Chap. 16	Glycolytic Pathway
11-Feb	7	Lectures 1-6	Exam #1
16-Feb	8	Chap. 16	Glycolytic Mechanism
18-Feb	9	Clinical I	Alcoholism
23-Feb	10	Chap. 16	Glycolysis Control
25-Feb	11	Chap. 17	Quiz #2, Citric Acid Cycle
2-Mar	12	Chap. 17	Reactions of the CAC
4-Mar	13	Chap. 17	Control of the CAC
9-Mar	14	Chap. 18	Oxidative Phosphorylation
11-Mar	15	Lectures 8-14	Exam #2
16-Mar	16	Chap. 18	Electron Transport Chain
18-Mar	17	Chap. 18	Proton Gradients
Week of 3/23/2009 No Class!			Spring Break!
30-Mar	18	Clinical II	Aluminum Neurotoxicity
1-Apr	19	Chap. 21	Quiz #3
6-Apr	20	Chap. 21	Glycogen Metabolism I
8-Apr	21	Chap. 21	Glycogen Metabolism II
13-Apr	22	Chap. 22	Fat Metabolism I
15-Apr	23	Chap. 22	Exam #3
20-Apr	24	Chap. 22	Cholesterol
22-Apr	25	Chap. 22	Cholesterol
27-Apr	26	Review or Catch Up	
29-Apr	27	Chap. 22	Quiz #4
4-May	28	Graduate Student Presentations #1 & 2	
6-May	29	Review/Grad Student Presentations if needed	
11-May	30	Review for Final, Biochem Jeopardy!	
18-May	Final	ACS Exam	

FINAL EXAMINATION MONDAY, MAY 18, 10:50 am to 1:20 pm

### Suggested Problems:

**Chapter 14: None**

**Chapter 15: 1, 7, 8, 12, 13**

**Chapter 16: 8, 9a, 9b, 9d, 15, 16**

**Chapter 17: 5, 6, 7, 9**

**Chapter 18: 2, 3a, 3d, 3e, 7, 11, 14, 17, 18**

**Chapter 21: 2, 3, 5, 7, 9, 10, 13, 14**

**Chapter 22: 3, 6, 7, 8, 11, 12, 17, 18**