

Dr. Ross S. Feldberg
Dr. Michelle Gaudette

D Block
Mon 9:30 - 10:20 Tue and Thurs 10:30-11:20

Class	Date	Day	Topic	Chapter
1	1/15	Thurs	Water, pH and Buffering	2
	1/19	Mon	No class	
2	1/20	Tues	Amino Acids	4
3	1/21	Wed (9:30)	Peptides and proteins	4/5
4	1/22	Thurs	Proteins	5
5	1/26	Mon	Protein Secondary Structure	5
6	1/27	Tues	Tertiary and Quaternary Structure	5
7	1/29	Thurs	Enzyme kinetics	10
8	2/2	Mon	Enzyme kinetics	10
9	2/3	Tues	Enzyme catalysis	11
10	2/5	Thurs	Enzyme catalysis	11
11	2/9	Mon	Enzyme Regulation	10
12	2/10	Tues	Enzyme regulation: Hemoglobin	12
13	2/12	Thurs	EXAM 1	
	2/16	Mon	No class	
14	2/17	Tues	Lipids and Membranes	6
15	2/19	Thurs (9:30)	Membranes and Transport	6
16	2/23	Mon	Membrane Proteins	6
17	2/24	Tues	Thermodynamics	3
19	2/26	Thurs	Thermodynamics and ATP	10
19	3/2	Mon	Carbohydrates	7
20	3/3	Tues	Glycolysis	14/15
21	3/5	Thurs	Glycolysis and fermentation	15
22	3/9	Mon	Citric acid cycle	16
23	3/10	Tues	Regulation of pathways	15/16
24	3/12	Thurs	Seminar -1	
25	3/23	Mon	Electron Transport chain	17
26	3/24	Tues	ETS and Oxidative Phosphorylation	17
27	3/26	Thurs	EXAM 2	
28	3/30	Mon	Regulation of Ox - Phos.	17
29	3/31	Tues	Fatty acid oxidation	20
30	4/2	Thurs	Gluconeogenesis /	19
31	4/6	Mon	PFK regulation / Glycogen synthesis	19
32	4/7	Tues	Glycogen Metabolism & Regulation	19/26
33	4/9	Thurs	Integration of metabolism-1	20/22
	4/13	Mon	Integration of Metabolism-2	22
34	4/14	Tue	Int Metab-3 /	22
35	4/16	Thurs	Signal Transduction-1	26
36	4/20	Mon	No class	
37	4/21	Tues	Signal Transduction-2	26
38	4/23	Thurs	Research Seminar	
39	4/27	Mon	Exam 3	

3/14-3/22/09 Spring break

There will be three hour exams and no final

Text: *Biochemistry with a Human Focus* By Garrett and Grisham (BrooksCole 2002)