

Week Day	Date	Topic	Lecture Reading
Tuesday	9-Jan	Biomolecular Interactions	Ch. 5 and Ch. 6
Thursday	11-Jan	Functional Groups and Carbon	Interchapter "P"; Protein Structur- ATP Handout
Tuesday	16-Jan	Chemistry of Carbon and Functional groups for Biomolecules	Ch. 19, Ch. 20
Thursday	18-Jan	Components of the Cell Membrane	"Phospholipids" and "Phosphate Heads" Handout
Tuesday	23-Jan	NO CLASS MEETING-ONLINE ASSIGNMENTS	"Phospholipids" and "Phosphate Heads" Handout
Thursday	25-Jan	Water as a cellular solvent: Aqueous Equilibria	Ch. 8, 15
Tuesday	30-Jan	Acid Base Chemistry of Buffers	Ch. 8, 15
Thursday	1-Feb	Acid Base Chemistry of Amino Acids	Ch.15, 20
<b>Tuesday</b>	<b>6-Feb</b>	<b>Exam I</b>	<b>All Topics through Amino Acids</b>
Thursday	8-Feb	Protein Primary Structure	Ch. 20; Prot. Struct/ATP
Tuesday	13-Feb	Introduction to Proteins and Their Structure	Ch. 20
Thursday	15-Feb	Protein Structure (cont'd)	"Biological Polymers" Interchapter
Tuesday	20-Feb	Chemical Kinetics	Ch. 13
Thursday	22-Feb	Enzyme Kinetics	TBA
Tuesday	27-Feb	Enzyme Inhibition	Protein Function Handout
Thursday	1-Mar	COX and NSAIDS: A case study of enzymes	COX in a Crystal Ball handout
Tuesday	6-Mar	cont'd	
<b>Thursday</b>	<b>8-Mar</b>	<b>Exam II</b>	<b>All topics through COX</b>
<b>Tuesday</b>	<b>13-Mar</b>	<b>Spring Break</b>	
<b>Thursday</b>	<b>15-Mar</b>	<b>Spring Break</b>	
Tuesday	20-Mar	Nuclear Receptors/Drug Receptor Interactions	Protein Function Handout
Thursday	22-Mar	cont'd	cont'd
Tuesday	27-Mar	Neurotransmission	Neurotransmission handout
Thursday	29-Mar	Synapse, Neurotransmitters, and Neurotransmission	Neurotransmission handout
Thursday	3-Apr	Electrochemistry and Neurochemistry	Ch. 17
Thursday	5-Apr	Electrochemistry and Neurochemistry	Interchapter "U"
Tuesday	10-Apr	Electrochemistry and Neurochemistry	Diffusion and Transport across cell membranes
<b>Thursday</b>	12-Apr	cont'd	
Tuesday	17-Apr	cont'd	
<b>Thursday</b>	<b>19-Apr</b>	<b>EXAM III</b>	<b>All topics Through Electrochemistry</b>
<b>Friday</b>	<b>27-Apr</b>	<b>Cumulative Final Exam (11:30 am)</b>	

\*Note: This course schedule is tentative. The instructor will notify students of changes verbally or via email