

Week Day	Date	Topic	Lecture Reading
Tuesday	21-Aug	Biomolecular Interactions	Ch. 5 and Ch. 6
Thursday	23-Aug	Functional Groups and Carbon	Interchapter "P"; Protein Structur- ATP Handout
Tuesday	28-Aug	Chemistry of Carbon and Functional groups for Biomolecules	Ch. 19, Ch. 20
Thursday	30-Aug	Components of the Cell Membrane	"Phospholipids" and "Phosphate Heads" Handout
Tuesday	4-Sep	NO CLASS MEETING-ONLINE ASSIGNMENTS	"Phospholipids" and "Phosphate Heads" Handout
Thursday	6-Sep	Water as a cellular solvent: Aqueous Equilibria	Ch. 8, 15
Tuesday	11-Sep	Acid Base Chemistry of Buffers	Ch. 8, 15
Thursday	13-Sep	Acid Base Chemistry of Amino Acids	Ch.15, 20
Tuesday	18-Sep	Exam I	All Topics through Amino Acids
Thursday	20-Sep	Protein Primary Structure	Ch. 20; Prot. Struct/ATP
Tuesday	25-Sep	Introduction to Proteins and Their Structure	Ch. 20
Thursday	27-Sep	Protein Structure (cont'd)	"Biological Polymers" Interchapter
Tuesday	2-Oct	Chemical Kinetics	Ch. 13
Thursday	4-Oct	Enzyme Kinetics	
Tuesday	9-Oct	Enzyme Inhibition	Protein Function Handout
Thursday	11-Oct	COX and NSAIDS: A case study of enzymes	COX in a Crystal Ball handout
Tuesday	16-Oct	cont'd	
Thursday	18-Oct	Exam II	All topics through COX
Tuesday	23-Oct	Nuclear Receptors/Drug Receptor Interactions	Protein Function Handout
Thursday	25-Oct	cont'd	cont'd
Tuesday	30-Oct	Neurotransmission	Neurotransmission handout
Thursday	1-Nov	Synapse, Neurotransmitters, and Neurotransmission	Neurotransmission handout
Tuesday	6-Nov	Election Day	
Thursday	8-Nov	Electrochemistry and Neurochemistry	Ch. 17
	13-Nov	Electrochemistry and Neurochemistry	Interchapter "U"
Thursday	15-Nov	Electrochemistry and Neurochemistry	Diffusion and Transport across cell membranes
Tuesday	20-Nov	EXAM III	All topics Through Electrochemistry
Thursday	22-Nov	Thanksgiving Break	
Tuesday	27-Nov	cont'd	
Thursday	29-Nov	Review	
Friday	7-Dec	Cumulative Final Exam (11:30 am)	

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