

Week	Date	Topic	Textbook Reading
1	14-Jan	Introduction to Metabolism - Useful Resources - Review of important concepts	Intro to Part II
	16-Jan	Biochemical Logic and Compartmentalization/Transport	Chapter 13.2-13.3 and Chapter 11.3
2	21-Jan	Signal Transduction	Chapter 12
	23-Jan	Signal Transduction	Chapter 12
3	28-Jan	Bioenergetics	Chapter 13.1 and 13.4
	30-Jan	Citric Acid Cycle	Chapter 16
4	4-Feb	Mitochondrial Electron Transport	Chapter 19
	6-Feb	Mitochondrial Electron Transport	Chapter 19
5	<b>11-Feb Exam 1</b>		
	13-Feb	Glycolysis	Chapter 14.1
6	18-Feb	Glycogen Metabolism	Chapter 14.2 and 15.4
	20-Feb	Pathways to Glucose or Glucose Storage	Chapter 14.4
7	25-Feb	Metabolic Flux and Coordinated Regulation	Chapter 15
	27-Feb	<i>In class activity: Genetic Disorders of Sugar Metabolism</i>	
8	4-Mar	Photosynthesis - Light Reactions	Chapter 20
	6-Mar	Photosynthesis - Dark Reactions	Chapter 20
9	11-Mar	Pentose Phosphate Pathway	Chapter 14.5
	<b>13-Mar Exam 2</b>		
10	<b>18-Mar Spring Break</b>		
	<b>20-Mar</b>		
11	25-Mar	Lipid Metabolism - Oxidation	Chapter 17
	27-Mar	Lipid Metabolism - Biosynthesis	Chapter 21
12	1-Apr	<i>In class activity: Exploring Lipid Hormones and Signaling</i>	
	3-Apr	Amino Acid Degradation	Chapter 18
13	8-Apr	Amino Acid Biosynthesis	Chapter 22.1-22.3
	10-Apr	<i>In class activity: Amino Acids as Metabolic Precursors</i>	
14	15-Apr	Nucleotide Metabolism - Ribonucleotide Synthesis	Chapter 22.4
	17-Apr	Nucleotide Metabolism - Degradation	Chapter 22.4
15	22-Apr	Hormonal Regulation of Metabolism in Mammals	Chapter 23
	<b>24-Apr Exam 3</b>		
16	<b>30-Apr Final Presentations 8AM - 11:30</b>		