

## Lectures, Readings, and Exams schedule

Day/Date	Lec #	Lecture Title	Required Reading	Lehninger 7th Ed (non-req)
Th Oct 1	1	Proteins and Enzymes	Ligand Binding and Enz. Catalysis	Ch 1-5 (review)
Tu Oct 6	2	Enzymes 2		Ch 6
Th Oct 8	3	Bioenergetics and Metabolism 1	The Slow Burn	Ch 13 (incl 491-4 intro)
Tu Oct 13	4	Bioenergetics and Metabolism 2		
Th Oct 15	5	Glucose and Glycolysis 1	Glucose Glycolysis and Krebs	Ch 14:533-558; 565-574
Tu Oct 20	6	Glucose and Glycolysis 2	The Name Game (first 1/2)	
Th Oct 22	7	Krebs Cycle 1	" " " (remainder)	Ch 16
Tu Oct 27	8	Krebs Cycle 2		
Th Oct 29	9	Lipid Catabolism	Biology's Gasoline	Ch 17
Tu Nov 3	MT1	During class time Lecs 1-9		
Th Nov 5	10	Mitochondria and Respiration 1	Electron Trans. Chain and OxPhos	Ch 19
Tu Nov 10	11	Mitochondria and Respiration 2		
Th Nov 12	12	Glucose Anabolism and Regulation	Gluconeogenesis	Ch 14:558-565; 15:589-600
Tu Nov 17	13	Lipid Anabolism		Ch 21
Th Nov 19	14	Integrating Metabolism		Ch 15:600-615
Tu Nov 24	15	Amino Acids		Ch 18
Th Nov 26		THANKSGIVING: Be grateful, run a 10K, eat hearty, and help someone in need!		
Tu Dec 1	16	Nucleic Acids		Ch 22
Th Dec 3	17	Exercise and Metabolism		
Tu Dec 8	18	Aging, Cancer, and Metabolism	The Transformation (New Yorker)	
Th Dec 10	19	Obesity and Diabetes	A DNP story	
W Dec 16	Fin	Final exam ~ 30% old 70% new material (11:30am - 2:30pm)		