

BIOL 160 Introduction to Animal Biology

Wk	Date	Day #	Lectures	Readings	Labs
1	24-Jan	T 0	Welcome to the Study of Zoology!	—	NO LAB
	26-Jan	Th 1	Organizing Principles of Zoology	Ch. 1	
	27-Jan	F 2	Physics & Chemistry of Life	Ch. 2	
2	31-Jan	T 3	Macromolecules	Ch. 2	Microscopy & Cells <i>Lab Manual: 1-21</i>
	2-Feb	Th 4	Plasma Membrane	Ch. 3	
	3-Feb	F 5	Cytoplasm, Nucleus, & Mitosis	Ch. 3	
3	7-Feb	T 6	Enzymes	Ch. 4	Diffusion & Osmosis <i>Lab Manual: 37-47</i> Bring goggles!
	9-Feb	Th 7	Cellular Metabolism	Ch. 4	
	10-Feb	F D1	Discussion	TBA	
4	14-Feb	T 8	Mendel's Laws	Ch. 5	Properties of Enzymes <i>Lab Manual: 49-58</i> Bring goggles!
	16-Feb	Th 9	Meiosis & Inheritance	Ch. 5	
	17-Feb	F 10	Theory of Special Creation	Ch. 6	
5	21-Feb	T 11	Theory of Natural Selection	Ch. 6	Metabolism <i>Lab Manual: 59-68</i>
	23-Feb	Th 12	Speciation	Ch. 6	
	24-Feb	F E1	Exam 1	—	
6	28-Feb	T 13	Classification & Phylogeny	Ch. 10	Mitosis & Meiosis
	2-Mar	Th 14	Phylogenetic Biology	Ch. 10	
	3-Mar	F 15	Reproductive Modes	Ch. 7	
7	7-Mar	T 16	Regulation of Human Reproduction I	Ch. 7	Phylogeny & Classification <i>Lab Manual: 69-84</i>
	9-Mar	Th 17	Regulation of Human Reproduction II	Ch. 7	
	10-Mar	F 18	Body Plans	Ch. 9	
8	14-Mar	T 19	Developmental Processes	Ch. 8	Deuterostomes I & Common Animals <i>Lab Manual: 85-92, 163-166</i>
	16-Mar	Th 20	Developmental Patterns	Ch. 8	
	17-Mar	F D2	Discussion	TBA	
20-24-Mar SPRING BREAK — NO CLASS					NO LAB
9	28-Mar	T 21	Genes, DNA, & Transcription	Ch. 5	Deuterostomes II & Common Animals <i>Lab Manual: 85-92</i>
	30-Mar	Th 22	Translation & Gene Regulation	Ch. 5	
	31-Mar	F E2	Exam 2	—	
10	4-Apr	T 23	Skeletons & Body Walls	Ch. 29	Protostomes I <i>Lab Manual: 93-122</i>
	6-Apr	Th 24	Movement & Muscles	Ch. 29	
	7-Apr	F 25	Homeostasis & Water Balance	Ch. 30	
11	11-Apr	T 26	Water Balance & Thermoregulation	Ch. 30	Protostomes II <i>Lab Manual: 127-144</i> Bring dissecting kits!
	13-Apr	Th 27	Circulatory Systems & Fluids	Ch. 31	
	14-Apr	F 28	Vertebrate Circulatory Anatomy	Ch. 31	
12	18-Apr	T 29	Gas Exchange	Ch. 31	Protostomes III <i>Lab Manual: 145-161</i> Bring dissecting kits!
	20-Apr	Th 30	Digestion & Nutrition	Ch. 32	
	21-Apr	F D3	Discussion	TBA	
13	25-Apr	T 31	Neurons & Action Potentials	Ch. 33	Rat Dissection I <i>Rat Dissection: 1-26, Lab Manual: 167-171</i> Bring dissecting kits!
	27-Apr	Th 32	Nervous Systems	Ch. 33	
	28-Apr	F E3	Exam 3	—	
14	2-May	T 33	Sense Organs	Ch. 33	Rat Dissection II <i>Rat Dissection: 27-43</i> Bring dissecting kits!
	4-May	Th 34	Endocrine Glands	Ch. 34	
	5-May	F D4	Discussion	TBA	
15	9-May	T 35	Immunobiology	Ch. 35	Rat Dissection III <i>Rat Dissection: 44-62</i> Bring dissecting kits!
	11-May	Th 36	Biology Above the Species Level	Ch. 38	
	12-May	F 37	Synthesis & Review	—	
16	18-May	Th F	FINAL EXAM (2:25-4:45 PM)		