

DAY	EBIO 4760/5760: MAMMALOLOGY	READINGS	LAB
8/24	What is Mammalogy & Why Do We Care?	Lecture: FHR 1-4	Mammal Introduction Specimen Use & Care Osteology
8/26	What is a Mammal?	Lab: Manual Intro & 1	
8/28	Mammal Characteristics Continued		
8/31	Modern Phylogeny	Lecture: FHR 4 skim Part 3	Prototheria & Metatheria
9/2	Evolutionary Theory	Lab: Manual 2, FHR 11	
9/4	Mammal Orders I		
9/7	<b>LABOR DAY – NO CLASS</b>	Lecture: FHR skim Part 3	"Insectivora", Macroscelidea, Scandentia, Xenarthra, Pholidota, Tubulidentata
9/9	Mammal Orders II	Lab: Manual 3, FHR 12, 15	
9/11	Mammal Orders III		
9/14	Mammalian Evolutionary History I	Lecture: FHR 4	<b>LAB EXAM I</b> (100 pts)
9/16	Mammalian Evolutionary History II	Lab: Manual 1-3, FHR 11-12, 15	
9/18	Mammalian Evolutionary History III		
9/21	Historical Biogeography of Mammals I	Lecture: FHR 5, PDFs	Dermoptera, Chiroptera, Primates
9/23	Historical Biogeography of Mammals II	Lab: Manual 4, FDR 12-14	
9/25	<b>LECTURE EXAM I</b> (100 pts)		
9/28	Mammal Distributions & the Niche	Lecture: FHR 5, 26, PDFs	Rodentia & Lagomorpha
9/30	Ecological Biogeography of Mammals I	Lab: Manual 5, FHR 18	
10/2	Ecological Biogeography of Mammals II		
10/5	Mammalian Adaptations: Size & Shape	Lecture: FHR 6	Carnivora, Hyracoidea, & Sirenia
10/7	Mammalian Adaptations: Skin & Hair	Lab: Manual 6, FHR 16, 19	
10/9	Locomotion: Variation in Mammals		

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10/12	Locomotion: Skeletal Adaptation	Lecture: FHR 6, 7	Proboscidea, Perissodactyla Artiodactyla & Cetacea
10/14	Dentition, Diet & Digestion	Lab: Manual 7, FHR 17, 19, 20	
10/16	Mammalian Reproduction: Variation		
10/19	Mammalian Reproduction: Cycles	Lecture: FHR 9	REVIEW LAB
10/21	Mammalian Reproduction: Milk	Lab: Manual 4-7, FHR 12-14, 16-20	
10/23	Mammalian Thermoregulation & Metabolism		
10/26	Adaptations of the Cold I	Lecture: FHR 9	<b>LAB EXAM II</b> (100 pts)
10/28	Adaptations of the Cold II	Lab: Manual 4-7, FHR 12-14, 16-20	
10/30	Adaptations of the Heat I		
11/2	Adaptations of the Heat II	Lecture: FHR 9	COLORADO MAMMALS I
11/4	Environmental Adaptations & Geography	Lab: Manual 8	
11/6	<b>LECTURE EXAM II</b> (100 pts)		
11/9	Echolocation I: Hunting in the Dark	Lecture: FHR 13 & 17	COLORADO MAMMALS II
11/11	Echolocation II: Adaptations & Habitat	Lab: Manual 9	
11/13	Echolocation III: Cetaceans		
11/16	Mammalian Reproductive Investment	Lecture: FHR 22	COLORADO MAMMALS III
11/18	Mating Systems	Lab: Manual 10	
11/20	Sexual Selection		
11/23	<b>WEEK OF FALL BREAK – NO CLASSES</b>		<b>NO LABS</b>
11/30	Mammalian Social Groups	Lecture: FHR 23	REVIEW LAB
12/2	Social Behavior I	Lab: Manual 8-10	
12/4	Social Behavior II		

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12/7	Mammalian Population Biology	Lecture: Feldhamer 25 & 29, PDFs  Lab: Manual 8-10	<b>FINAL LAB            PRACTICAL</b> (100 pts)
12/9	Mammals & Climate Change		
12/11	Mammalian Conservation		
12/14	<b>FINAL EXAM 1:30–4 pm (100 pts)</b>		