

Biol 2404: Introductory Anatomy and Physiology
Lecture and Lab Schedule
(Ziser: Spring, 2019, TuTh, RVS Section 73901-028)

Wk	Date	Lecture Topic	Lab Topic	Homework & Lab Assignments
1	Jan 22 Jan 24	Introduction to A&P, Models in Science Homeostasis, Systems Overview	Orientation, Safety, Metric System, Gen. Terms ID of Organic Molecules	
2	Jan 29 Jan 31	Basic Chemistry, Biomolecules	Microscopy Cells	LR: ID Organic Molecules
3	Feb 5 Feb 7	Cell Structure & Function Tissues; (begin membranes)	Cell Division; Primary Tissues Fetal Pig Dissection	HW: Metric System
4	Feb 12 Feb 14	EXAM I (Intro to Tissues) Membranes, Skin	Fetal Pig Dissection (cont) Lab Practical 1 (Fetal Pig Dissection)	
5	Feb 19 Feb 21	The Skeletal System The Skeletal System (cont); Articulations	Skin & Membranes; Skeletal Tissue Introduction to the Skeleton	HW: Human Tissue Types
6	Feb 26 Feb 28	The Muscular System The Muscular System; (begin nervous)	Bone Markings; Articulations Muscle Tissue & Muscle Organs	Q: Bones & Markings
7	Mar 5 Mar 7	EXAM II (Skin to Muscles) The Nervous System	Human Muscles (cont) Lab Practical 2 (Skin to Muscles)	
8	Mar 12 Mar 14	The Nervous System (cont) The Nervous System (cont)	Nervous Tissue; Nervous System-CNS Nervous System (cont)	
9	Mar 19 Mar 21	Spring Break	Spring Break	
10	Mar 26 Mar 28	The Senses The Senses (cont); begin Endocrine Sys	Nervous System (cont); Begin Senses The Senses (cont)	Q: Nervous System
11	Apr 2 Apr 4	EXAM III (Nervous to Senses) The Endocrine System	Lab Practical 3 (Nervous to Senses) Endocrine System	
12	Apr 9 Apr 11	The Circulatory System Circulatory System (cont): Lymphatic Sys	Circulatory System-Heart Circulatory System-Blood Vessels	
13	Apr 16 Apr 18	Lymphatic System (cont), Blood Blood Typing, Immunity	Circ. System (cont); Lymphatic System Blood & Blood Typing; Heart Physiology	Q: Heart & Blood Vessels
14	Apr 23 Apr 25	EXAM IV (Endocrine to Immunity) The Respiratory System	Lab Practical 4 (Endocrine to Immunity) Respiratory System, Lung Volumes	LR: Blood & Blood Typing
15	Apr 30 May 2	The Digestive System Nutrition & Metabolism	Digestive Enzymes Digestive System	LR: Vital Capacity & Lung Volumes LR: Enzyme Activity
16	May 7 May 9	The Urinary System The Reproductive System	Urinary System; pH & Buffers Urinary & Reproductive Systems (cont.)	LR: pH and Buffers
17	May 14 May 16	Human Development EXAM V (Respiratory to Development)	Repro. Sys. (Cont.); Human Development Practical 5 (Respiratory to Development)	Q: Resp., Digest., Urinary & Reprod. Systems

Notes: LR=lab report; Cont=continued; Q=quiz; HW=homework