

Biol 2404: Introductory Anatomy and Physiology
Lecture and Lab Schedule
(Ziser: Fall, 2018, RVS MW Section: 67453-029)

Wk	Date	Lecture Topic	Lab Topic	Homework & Lab Assignments Due Date:
1	Aug 27 Aug 29	Introduction to A & P, Models in Science Homeostasis; Systems Overview	Orientation, Safety, Metric System; Gen Terms ID of Organic Molecules	
2	Sept 3 Sept 5	Holiday Basic Chemistry, Biomolecules	Holiday Microscopy and Cells	LR: ID Organic Molecules
3	Sept 10 Sept 12	Cells & Cell Function Tissues; (begin membranes)	Cell Division, Primary Tissues Fetal Pig Dissection	HW: Metric System
4	Sept 17 Sept 19	EXAM I (Intro thru Tissues) Membranes, Skin	Fetal Pig Dissection (Cont) Lab Practical 1 (Fetal Pig)	
5	Sept 24 Sept 26	The Skeletal System The Skeletal System (cont); Articulations	Skin & Membranes; Skeletal Tissue Skeletal System	HW: Human Tissues
6	Oct 1 Oct 3	The Muscular System The Muscular System; (begin nervous)	Skeletal System (cont.) Muscle Tissue & Human Muscles	Q: Bones & Markings
7	Oct 8 Oct 10	EXAM II (Skin to Muscles) The Nervous System	Human Muscles (cont) Lab Practical 2 (Skin to Muscles)	
8	Oct 15 Oct 17	The Nervous System (cont) The Nervous System (cont)	Nervous tissue and Brain Anatomy Nervous System (cont)	
9	Oct 22 Oct 24	The Senses (cont) The Senses (cont); begin Endocrine Sys	Nervous Sys (cont); Senses Senses (cont)	Q: Nervous System
10	Oct 29 Oct 31	EXAM III (Nervous to Senses) The Endocrine System	Lab Practical 3 (Nervous to Senses) The Endocrine System	
11	Nov 5 Nov 7	The Circulatory System The Circulatory System (cont); Lymphatic Sys	Circulatory System: Heart Circulatory System: Blood Vessels	
12	Nov 12 Nov 14	The Lymphatic System (cont); Blood Blood Typing; Immunity	Circulatory System (cont); Lymphatic System Blood & Blood Typing & Heart Physiology	Q: Heart & Blood Vessels
13	Nov 19 Nov 21	EXAM IV (Endocrine to Immunity) The Respiratory System	Lab Pract. 4 (Endocrine to Immunity) Respiratory System; Lung Volumes	LR: Blood & Blood Typing
14	Nov 26 Nov 28	The Digestive System Nutrition & Metabolism	Digestive Enzymes Digestive System	LR: Vital Capacity LR: Enzyme Activity
15	Dec 3 Dec 5	The Urinary System The Reproductive System	Urinary System; pH & Buffers Urinary & Reproductive Systems (cont.)	LR: pH and Buffers
16	Dec 10 Dec 12	Human Development EXAM V (Respiratory to Development)	Repro Sys (Cont); Human Development Practical 5 (Respiratory to Development)	Q: Resp., Digest. , Urinary & Reprod. Sys.

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