

BIOSC 11 Schedule

Week	Lecture Activities	Dates	Lab Activities
1	The Scientific Method Chemistry Cells View Ch. 1, Ch. 2, Ch. 3 presentations Read Ch. 1, Ch. 2, Ch. 3 Complete Quizzes 1, 2 & 3 by 6/9 (2:00 PM)	6/7	Mandatory introductory meeting Microscopy 2.1: Microscopy 2.3: Light microscopes 2.4: Microscopic observations
		6/9	DNA 17.1: DNA structure and replication 17.2: RNA structure 17.2: DNA and protein synthesis Cell structure and function 4.1: Anatomy of a human cell 4.2: Diffusion of solutes 4.3: Osmosis
2	Genes Tissues View Ch. 4, Ch. 5 presentations Read Ch. 4, Ch. 5 Complete Quizzes 4 and 5 by 6/14 (2:00 PM) LECTURE EXAM 1 on 6/16 at 12:00 PM in SCI 120 Covers Ch. 1-5	6/14	Body Tissues 5.2: Epithelial tissue 5.3: Connective tissue 5.4: Muscular tissue 5.5: Nervous tissue
		6/16	Musculoskeletal system 12.1: Anatomy of a long bone 12.2: The skeleton 12.3: The skeletal muscles
3	Skeletal system Digestive System View Ch. 6.1, Ch. 6.2, Ch. 7 presentations Read Ch. 6.1, Ch. 6.2, Ch. 7 Complete Quizzes 6.1, 6.2 & 7 by 6/21 (2:00 PM) Blood The Cardiovascular System View Ch. 8, Ch. 9 presentations Read Ch. 8, Ch. 9 Complete Quizzes 8 and 9 by 6/23 (2:00 PM) Writing Assignment Article Approval by 6/23	6/21	PhysioEx 8: Chemical digestion *Bring Chemical Digestion handout Energy requirements and ideal body weight 9.1: Average daily energy intake 9.2: Average daily energy requirement 9.3: Comparison of intake and requirement 9.4: Ideal weight *Bring completed dietary record handout
		6/23	The cardiovascular system 7.1: The heart 7.2: Heartbeat and blood pressure 7.3: Blood

Week	Lecture Activities	Dates	Lab Activities
4	The Respiratory System View Ch. 10 presentation Read Ch. 10 Complete Quiz 10 by 6/28 (2:00 PM) LECTURE EXAM 2 on 6/30 at 12:00 PM in SCI 120 Covers Ch. 6-10	6/28	LAB PRACTICAL 1 (covers wk. 1-3)
		6/30	Homeostasis 11.3: Liver 11.4: Kidneys
5	The Urinary System The Immune System Brain Structure and Function View Ch. 11, Ch. 12, Ch. 14 presentations Read Ch. 11, Ch. 12, Ch. 14 Complete Quizzes 11, 12 & 14 by 7/7 (2:00 PM)	7/5	<i>HOLIDAY</i>
		7/7	Nervous system 13.1: Mammalian brain 13.2: Spinal nerves and cord
6	The Senses The Endocrine System View Ch. 15, Ch. 16 presentations Read Ch. 15, Ch. 16 Complete Quizzes 15 and 16 by 7/12 (2:00 PM) LECTURE EXAM 3 on 7/14 at 12:00 PM in SCI 120 Covers Ch. 11-12; 14-16	7/12	Senses 13.3: Human eye 13.4: Human ear 13.5: Sensory receptors in skin 13.6: Chemoreceptors
		7/14	Mitosis and meiosis 15.1: The cell cycle 15.2: Meiosis 15.3: Mitosis vs. meiosis 15.4: Karyotype abnormalities 15.4: Gametogenesis

Week	Lecture Activities	Dates	Lab Activities
7	DNA, Mitosis, Meiosis Human Reproduction Heredity View Ch. 17, Ch. 18, Ch. 19 presentations Read Ch. 17, Ch. 18 and Ch. 19 Complete Quizzes 17, 18 and 19 by 7/19 (2:00 PM) Writing Assignment due in lab by 7/19 Patterns of Inheritance Evolution View Ch. 20, Ch. 22 presentations Read Ch. 20, Ch. 22 Complete Quizzes 20 and 22 by 7/21 (2:00 PM)	7/19	Patterns of genetic inheritance 16.1: Determining the genotype 16.2: Determining inheritance 16.3: Determining the pedigree
		7/21	Human evolution 18.1: Fossil record 18.2: Comparative anatomy 18.3: Molecular evidence
8	Ecology View Ch. 23 presentation Read Ch. 23 Complete Quiz 23 by 7/26 (2:00 PM) FINAL EXAM on 7/28 at 2:15 PM in SCI 220 Covers Ch. 17-20; 22-23	7/26	LAB PRACTICAL 2 (covers wk. 4-7)
		7/28	NO LAB