

BIO 101 Spring 2006: REVISED May 2, 2006

Week	DATE	Topics	Text	Lab Schedule
1	M 4/3	What is Biology? What is Science? Intro to Chemistry	Ch 1, 2	Lab 1: Microscopy
	T 4/3	The Chemistry of Life, Macromolecules	Ch 2,3	
	W 4/4	Lab 1: Microscopy	Ch 3	
	F 4/6	Macromolecules	Ch 2,3	
2	M 4/10	Cell Structure and Function	Ch 4	Lab 2: Cell Diversity
	T 4/11	Cell Structure and Function Lab 2	Ch 4	
	W 4/12	Cell Structure and Function QUIZ 1 [Ch 1-4]	Ch 4	
	F 4/14	Exam Review, Cellular Energy	Ch 5	
3	M 4/17	EXAM 1 [Ch 1-4, Labs 1 and 2] Cellular Energy, Membranes and Diffusion	Ch 5	Lab 3: Diffusion & Osmosis
	T 4/18	Cellular Energy, Membranes and Diffusion		
	W 4/19	Lab 3: Diffusion and Osmosis	Ch 5	
	F 4/21	Cellular Respiration	Ch 6	
4	M 4/25	Cellular Respiration	Ch 6	Lab 4: Photosynthesis & Respiration
	T 4/26	Cellular Respiration QUIZ 2 [Ch 5 and 6]	Ch 6	
	W 4/27	Lab 4: Photosynthesis and Respiration		
	F 4/29	Cellular Respiration	Ch 6	
5	M 5/1	EXAM 2 [Ch 5-6], Labs 3 and 4] Photosynthesis	Ch 7	Lab 5: Race for The Double Helix
	T 5/2	Photosynthesis	Ch 7	
	W 5/3	DNA: Structure, Function, Replication Intro to Mitosis	Ch 10 Ch 8	
	F 5/5	Lab 5: Race for the Double Helix	Ch 10	
6	M 5/8	Mitosis and Meiosis	Ch 8	Lab 6: Mitosis and Meiosis
	T 5/9	QUIZ 3 [Ch 7, 10 and 8] Meiosis Biology of Cancer	Ch 10 Ch 8	
	W 5/10	Lab 6: Mitosis and Meiosis	Ch 8	
	F 5/11	Exam Review From DNA to Protein	Ch 10	
7	M 5/15	EXAM 3 [Ch 8, 10, Labs 5 and 6] From DNA to Protein	Ch 10	Lab 7: Transcription, Translation and Mutations
	T 5/16	Lab 7: Transcription, Translation and Mutations	Ch 10	
	W 5/17	DNA Technology: PCR, Gel Electrophoresis, Cloning	Ch 12	
	F 5/19	DNA Technology: PCR, Gel Electrophoresis, Cloning	Ch 12	
8	M 5/22	Lab 8: Crime Scene Investigator-Day I Biology of Viruses	Ch 10	Lab 8: Crime Scene Investigator
	T 5/23	Lab 8: Crime Scene Investigator-Day II Patterns of Inheritance	Ch 9	
	W 5/24	Lab 8: Crime Scene Investigator-Day III Patterns of Inheritance	Ch 9	
	F 5/26	Patterns of Inheritance, Chromosomal Inheritance	Ch 9	
9	M 5/29	-HOLIDAY- No class		Lab 9: Apes to Man
	T 5/30	QUIZ 4 [Ch 9, 10, and 12] Chromosomal Inheritance	Ch 9	
	W 5/31	Chromosomal Inheritance How Populations Evolve	Ch 9 Ch 13	

	F 6/2	Lab 9: Apes to Man		
10	M 6/5	EXAM 4 [Ch 9, 10, and 12, Labs 7 and 8] How Biological Diversity Evolves	Ch 14	Lab 10: Owl Pellet Analysis
	T 6/6	Communities and Ecosystems	Ch 19	
	W 6/7	Lab 10: Owl Pellet Analysis		
	F 6/9	How Biological Diversity Evolves The Evolution of Prokaryotes and Protista	Ch 14 Ch 15	
11	M 6/11	The Evolution of Prokaryotes and Protista The Evolution of Plants and Fungi	Ch 15 Ch 16	EXAM: Lab Practical
	T 6/12	The Evolution of Plants and Fungi The Evolution of Animals	Ch 16 Ch 17	
	W 6/13	Cumulative Lab Practical		
	F 6/14	The Evolution of Animals	Ch 17	
Finals Week	M 6/18	Quiz 5 [Ch 13, 14, 15, 16, 17] The Evolution of Animals	Ch 17	No Lab
	T 6/19	TBD – Review Session		
	W 6/20	No Class		
	THURS. 6/ 21	FINAL EXAM, 1-3pm EXAM 5 [Ch 13, 14, 15, 16, 17, 19]		

**This is a tentative schedule and is subject to change at any time.*