

Bio-11: Winter 2010 Class Schedule [Tentative]

L K Sengupta

Week	Date	Lecture Topic	Text Reading	Laboratory
1.	Tu- Jan 5	Welcome, Introduction to the Class Exploring Life & Science	Ch. 1	SLO PRE-TEST [5 POINTS] Scientific Method in Action [Handout] Introduction to Microscopy
	Th- Jan 7	Chemistry of Life	Ch. 2	
2.	Tu- Jan 12	Chemistry of Life	Ch. 2	Macromolecules
	Th- Jan 14	Cell Structure & Function	Ch. 3	
3.	Tu- Jan 19	Cell Structure & Function: Life's energy	Ch. 3	Cell and Mitosis Know about all the organelles!!
	Th- Jan 21	Organization & Regulation of Body Systems	Ch. 4	
4.	Tu- Jan 26	Cardiovascular System	Ch. 5 - 6	Enzymes and pH
	Th- Jan 28	Exam 1	CH 1 - 4	
5.	Tu- Feb 2	Cardiovascular System: Blood	Ch. 5 - 6	Circulation and Respiration Blood Grouping bring TWO Nutrition Facts Label Next Week
	Th- Feb 4	Digestive System & Nutrition	Ch. 8	
6.	Tu- Feb 9	Digestive System & Nutrition	Ch. 8	Digestive System & Nutrition record what you eat & drink in one 24 h period and complete the Table beforehand Other assignment 5 POINTS
	Th- Feb 11	Control systems: Nervous and Endocrine systems	Ch. 13+15	
7.	Tu- Feb 16	Control systems: Nervous & Endocrine systems	Ch. 13+15	Urinary system organs Urine analysis
	Th- Feb 18	Patterns of Chromosome Inheritance	Ch. 18	
8.	Tu- Feb 23	Cell cycle & cancer	Ch. 19	Senses Lab Brain & special sense organs Giant Multipolar neuron
	Th- Feb 25	Exam 2	CH 5 - 6, 8, 13, 15	
9.	Tu- Mar 2	Patterns of Genetic Inheritance	Ch20	Genetics Lab
	Th- Mar 4	Patterns of Genetic Inheritance	Ch. 20	
10	Tu- Mar 9	DNA Biology & Technology	Ch. 21	Biotechnology Pre-Lab Activity: Go to http://learn.genetics.utah.edu/content/labs/gel/ follow virtual gel electrophoresis submit a brief report about the technique and its possible applications [5 POINTS]
	Th- Mar 11	DNA Biology & Technology	Ch. 21	
11	Tu- Mar 16	Global Ecology and Human Interferences	Ch. 23	SLO POST TEST [5 POINTS] LAB EXAM [COMPREHENSIVE] Turn in Carbon Footprints Project [15 POINTS]
	Th- Mar 18	Human Population, Planetary Resources, and Conservation	Ch. 24	
12	Tu- Mar 23	Lecture Final Exam 6:15 - 8 - 15 pm CH 18 - 21, 23 - 24		