

BIOL 10: Survey of Biology  
 Schedule of Events SPRING 2008 (14 Jan to 20 May)  
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Day & Date			Topic	Reading
Tuesday	15	January	Lecture: The <i>scientific</i> study of living things Lab: Introduction and Safety	Book Chapter 1
Thursday	17	January	Lecture: Atoms and Molecules Lab 1: Metric System	Book Chapter 2
Tuesday	22	January	Lecture: Big Biological Molecules Lab 2: Laboratory Equipment (get soil for Tuesday)	Book Chapter 3
Thursday	24	January	Lecture: Cell Structure and Function	Book Chapter 4
<i>Monday</i>	28	<i>January</i>	<i>Refund Date</i>	
Tuesday	29	January	Lecture: Finish and Review Lab 3: Soils and Biology	
<b>Thursday</b>	<b>31</b>	<b>January</b>	<b>LECTURE EXAM #1</b> Lab 4: Plant and Animals Cells	<b>____/100 points</b>
Tuesday	5	February	Lecture: Energy and Metabolism Lab 5: Osmosis and Dialysis	Book Chapter 5
Thursday	7	February	Lecture: Capturing & Harvesting Energy Lab 6: Ecosystems and Energy Flow	Book Chaps. 6,7
Friday	8	February	<i>last day to drop without "W"</i>	
Tuesday	12	February	Lecture: DNA Lab 7: Cell Respiration	Book Chapter 8
Thursday	14	February	Lecture: Gene Expression Lab 8: ANIMAL LOVE	Book Chapter 9
Tuesday	19	February	Lecture: Cell Reproduction Lab 8: DNA and Variation	Book Chapter 10 Book Chapter 16
<b>Thursday</b>	<b>21</b>	<b>February</b>	<b>LECTURE EXAM #2</b> Lab 9: Biodiversity and Taxonomy	<b>____/100 points</b>
Tuesday	26	February	Lecture: Patterns of Inheritance <b>LAB PRACTICAL EXAM #1</b>	Book Chapter 11 <b>____/25 points</b>
Thursday	28	February	Lecture: Biotechnology Lab 10: Bacteria and Archaea (Prokaryotes)	Book Chapter 12
Tuesday	4	March	Lecture: Principles of Evolution Lab 11: Single Celled Eukaryotes (get Mushroom for Thurs.)	Book Chapter 13
Thursday	6	March	Lecture: Principles of Evolution Lab 12: Fungi and Lichen	Book Chapter 13
Tuesday	11	March	Lecture: How Populations Evolve Lab 13: Seedless Plants (get plants for Wednesday)	Book Chapter 14
<b>Thursday</b>	<b>13</b>	<b>March</b>	<b>LECTURE EXAM #3</b> Lab 14: Seed Plants	<b>____/100 points</b>
17–21		March	SPRING RECESS	

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Tuesday	25	March	Lecture: History of Life on Earth Lab 15: Sponges and Jellies	Book Chapter 15
Thursday	27	March	Lecture: History of Life on Earth Lab 16: Worms	
Tuesday	1	April	Lecture: Plant Biology Lab 17: Arthropods (many legs)	Book Chapter 17
<b>Thursday</b>	<b>3</b>	<b>April</b>	<b>LECTURE EXAM #4</b> Lab 17: Arthropods (Arachnids and Insects)	_____/100 points
Tuesday	8	April	Lecture: Animals Organization Lab 18 Mollusks	
Thursday	10	April	Lecture: Defense Against Disease Lab 19: Deuterostomes (Echinoderms and Lancelets)	Book Chapter 22
Tuesday	15	April	Lecture: The Senses Lab 20: Fish (Jawless & Cartilaginous)	Book Chapter 24
<b>Thursday</b>	<b>17</b>	<b>April</b>	<b>LAB PRACTICAL #2</b> Lecture: The Senses	_____/25
Tuesday	22	April	Lecture: Eating, Pooping, and Peeing Lab 21: Fish (Bony)	Book Chapter 21
<b>Thursday</b>	<b>24</b>	<b>April</b>	<b>LECTURE EXAM #5</b> Lab 22: Amphibians	_____/100 points
<i>Monday</i>	<i>28</i>	<i>April</i>	<i>Last day to drop</i>	
Tuesday	29	April	Lecture: Animal Reproduction Lab 23: Reptiles	Book Chapter 25
Thursday	1	May	Lecture: Animal Reproduction Lab 24: Birds	
Tuesday	6	May	Lecture: Population Growth and Ecosystems Lab 25: Birding on Campus	Book Chapter 27
<b>Thursday</b>	<b>8</b>	<b>May</b>	<b>ALL DAY FIELD TRIP TO BIG TREES STATE PARK</b> <b>Cunningham parking lot 7:30AM—4PM</b>	
Tuesday	13	May	Lecture: Conservation Biology Lab 26: Mammals	
<b>Thursday</b>	<b>15</b>	<b>May</b>	Lecture: Conservation Biology <b>LAB PRACTICAL #3</b>	_____/25 points
<i>turn in lab books and field trip report</i>				
Monday	19	May	Lecture: Conservation Biology Lab 27: DOGS!	
			<b>COMPLETE COLLECTION OF LAB EXERCISES</b>	_____/150 points
			<b>FIELD TRIP REPORT</b>	_____/100 points
<b>(total points going into final) – (lowest lecture exam score) ÷ 725 points =</b>				<b>%</b>
<b>21–29 May</b>	<b>FINAL EXAM to be announced</b>			_____/100 points