

Bio 101 Schedule – Fall 2008 – *Revised November 20, 2008*  
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Week	Date	
1	9/8/2008	<u>Lecture Topics:</u> Course Mechanics and Mission, Introduction to Scientific Method, Characteristics of Living Systems <u>Reading:</u> <b>Chapter 1</b> <u>Lab Exercise:</u> None
2	9/15/2008	<u>Lecture Topics:</u> Chemistry of Life, Cell Biology I <u>Reading:</u> <b>Ch. 2</b> - pp. 31 to end, starting at “Chemical Bonds” <b>Ch. 3</b> - 48 to end starting at “Functional groups...” <b>Ch 4</b> - ~first half <u>Lab Exercise:</u> Microscopy I and II
3	9/22/2008	<u>Lecture Topics:</u> Cell Biology II <u>Reading:</u> <b>Ch 4</b> ~second half – <b>CH 5</b> - <u>Lab Exercise:</u> Osmosis
4	9/29/2008	<u>Lecture Topics:</u> Cell Metabolism <u>Reading:</u> <b>Ch. 9</b> – all, <b>Ch. 7</b> – all, <b>Ch. 8</b> all <u>Lab Exercise:</u> Respiration
5	10/6/2008	***** <b>EXAM 1</b> ***** <u>Lecture Topics:</u> <del>Cell Division part I</del> (after the exam, times TBA) <u>Reading:</u> <b>Ch. 10</b> ~first half <u>Lab Exercise:</u> <b>Intro to Introductory Statistics</b>
6	10/13/2008	<u>Columbus Day – No Class</u>
7	10/20/2008	<u>Lecture Topics:</u> <b>Cell Division Part I &amp; II &amp; just a little genetics</b> <u>Reading:</u> <b>Ch. 10</b> all <u>Lab Exercise:</u> Corn Genetics
8	10/27/2008	<u>Lecture Topics:</u> The Mendelian revolution <u>Reading:</u> <b>Ch. 11</b> <u>Lab Exercise:</u> TBA
9	11/3/2008	<u>Lecture Topics:</u> DNA Structure and Function <u>Reading:</u> <b>Ch. 12</b> <u>Lab Exercise:</u> Taxonomy

- 10    11/10/2008    \*\*\*\*\***EXAM 2**\*\*\*\*\*  
Lecture Topics: Video, *Double Helix*.  
Reading:  
Lab Exercise: No Lab
- 11    11/17/2008    Lecture Topics: Genomes & Gene Expression  
Reading: **Ch 13**  
Lab Exercise: *Daphnia* Physiology
- 12    11/24/2008    Lecture Topics: Classification of Animals/Body Plans  
Reading: **Ch 29, 30 & 31**  
Lab Exercise: Human Physiology
- 13    12/1/2008    \*\*\*\*\***EXAM 3**\*\*\*\*\*  
Lecture Topics: Evolution and Speciation  
Reading: **18, 19 & 21** (don't worry too much about reading these  
before today's lecture since you have the exam)  
Lab Exercise: Animal Diversity
- 14                       12/8/2008    Lecture Topics: **Evolution Cont'd**, Introduction to  
Developmental Biology  
Reading: **Ch 50**  
Lab Exercise: Review for Final Exam
- 15    12/15/2008    \*\*\*\*\***FINAL EXAM**\*\*\*\*\*