

**BIOLOGY 107– SPRING 2016 – Dr. Seiger**  
(subject to modification by instructor)

<b>Weeks</b>	<b>Dates</b>	<b>TOPICS, EXAMS, BOOK CHAPTERS</b>
<b>1 - 3</b>	Jan 26 – Feb 11	<p><b>Tiny little things called cells</b></p> <p><i>Introduction to Biology, Chemistry Basics CH 1, 2</i>  <i>Cell Structure and Function CH 3</i>  <i>How Cells Obtain Energy – Cellular Respiration CH 4</i>  <i>Photosynthesis CH 5</i></p>
<b>4-6</b>	Feb 16 – Mar 3	<p><b>CELLS EXAM Feb 16</b></p> <p><b>Reproduction (love is a dirty trick)</b></p> <p><i>Reproduction at the Cellular Level CH 6</i>  <i>The Cellular Basis of Inheritance CH 7</i>  <i>Patterns of Inheritance CH 8</i>  <i>Molecular Biology CH 9</i>  <i>Biotechnology CH 10</i></p>
<b>7-9</b>	Mar 8- Mar 24 <b>NO CLASSES Mar 28 – Apr 2</b>	<p><b>REPRODUCTION EXAM Mar 8</b></p> <p><b>How Our Bodies Work</b></p> <p><i>The Body’s Systems CH16</i>  <i>The Immune System and Disease CH 17</i>  <i>Animal Reproduction and Development CH 18</i></p>
<b>10-12</b>	Apr 5 – Apr 21	<p><b>HOW BODIES WORK EXAM Apr 5</b></p> <p><b>Evolution and the Biodiversity – who knew?</b></p> <p><i>Evolution and Its Processes CH 11</i>  <i>Diversity of Life CH 12</i>  <i>Diversity of Microbes, Fungi, and Protists CH 13</i></p>
<b>13-15</b>	Apr 26 – May 12	<p><b>EVOLUTION AND THE BIODIVERSITY EXAM Apr 26</b></p> <p><b>Biodiversity continued and Ecology – Everything Is Connected!</b></p> <p><i>Diversity of Plants CH 14</i>  <i>Diversity of Animals CH 15</i>  <i>Population and Community Ecology CH 19</i>  <i>Ecosystems and the Biosphere CH 20</i>  <i>Conservation and Biodiversity ch 21</i></p>
<b>16</b>	May 17 – May 19	<p><i>Special Topic</i></p> <p><b>BIODIVERSITY AND ECOLOGY EXAM May 19</b></p>