

Date Topic Reading Assignment Item Due	<b>9/1</b> <b>NO CLASS</b>	<b>9/3</b> <b>Introduction, O-Chem Review</b> <b>BTS: Ch. 1 (7-16, 22), Handout</b> <b>Chem Review (Assignment 1)</b>	<b>9/5</b> <b>O-Chem Review Continued</b> <b>Handout</b>
Date Topic Reading Assignment Item Due	<b>9/8</b> <b>Macromolecular Structure</b> <b>BTS: Ch. 4 (107-117), Ch. 12 (326-335)</b> <b>Assignment 1</b>	<b>9/10</b> <b>Amino Acids</b> <b>BTS: Ch. 2 (25-34)</b>	<b>9/12</b> <b>Protein Structure</b> <b>BTS: Ch. 2 (34-45/2.2, 2.3)</b>
Date Topic Reading Assignment Item Due	<b>9/15</b> <b>Protein Structure</b> <b>BTS: Ch. 2 (46-49), Ch. 12 (336-342)</b> <b>Amino Acids (Assignment 2)</b>	<b>9/17</b> <b>Protein Stability and Folding</b> <b>BTS: Ch. 2 (49-59)</b>	<b>9/19</b> <b>Protein Stability and Folding</b> <b>BTS: Ch. 2 (49-59)</b>
Date Topic Reading Assignment Item Due	<b>9/22</b> <b>Structure Prediction and Bioinformatics</b> <b>BTS: Ch. 6 (164-177)</b> <b>Assignment 2</b>	<b>9/24</b> <b>Protein Chemistry</b> <b>BTS: Ch. 3 (78-84, 90-93/3.2, 3.4)</b>	<b>9/26</b> <b>NO CLASS - Labor Day Observed</b>
Date Topic Reading Assignment Item Due	<b>9/29</b> <b>EXAM 1</b>	<b>10/1</b> <b>Enzymes: Introduction</b> <b>BTS: Ch. 8 (205-216)</b> <b>Viewing Structures (Assignment 3)</b>	<b>10/3</b> <b>Enzyme Kinetics</b> <b>BTS: Ch. 8 (216-225)</b>
Date Topic Reading Assignment Item Due	<b>10/6</b> <b>Enzyme Kinetics and Inhibition</b> <b>BTS: Ch. 8 (225-235)</b>	<b>10/8</b> <b>Enzyme Mechanism</b> <b>BTS: Ch. 9 (241-254/9.1)</b>	<b>10/10</b> <b>Enzyme Mechanism</b> <b>BTS: Ch. 9 (254-259/9.2)</b> <b>Enzyme Mechanism (Assignment 4)</b> <b>Assignment 3</b>
Date Topic Reading Assignment Item Due	<b>10/13</b> <b>Enzyme Mechanism</b> <b>BTS: Ch. 9 (259-266/9.3)</b>	<b>10/15</b> <b>Enzyme Mechanism</b> <b>Handout</b>	<b>10/17</b> <b>Enzyme Mechanism</b> <b>Handout</b> <b>Assignment 4</b>
Date Topic Reading Assignment Item Due	<b>10/20</b> <b>NO CLASS - Founder's Day</b>	<b>10/22</b> <b>EXAM 2</b>	<b>10/24</b> <b>Allostery - Hemoglobin</b> <b>BTS: Ch. 7 (183-190, 199-201)</b>

Date Topic Reading Assignment Item Due	<b>10/27</b> <b>Allostery - Hemoglobin</b> BTS: Ch. 7 (190-198)	<b>10/29</b> <b>Allostery</b> BTS: Ch. 10 (275-282) <b>Regulation</b> (Assignment 5)	<b>10/31</b> <b>Protein Regulation</b> BTS: Ch. 10 (283-288)
Date Topic Reading Assignment Item Due	<b>11/3</b> <b>Protein Regulation</b> BTS: Ch. 10 (288-297)	<b>11/5</b> <b>Metabolism: Intro</b> BTS: Ch. 11 (303-310), Ch. 15 (409-416) <b>Assignment 5</b>	<b>11/7</b> <b>NO CLASS - Murdock Conference</b>
Date Topic Reading Assignment Item Due	<b>11/10</b> <b>Metabolism: Intro</b> BTS: Ch. 15 (417-429)	<b>11/12</b> <b>Glycolysis</b> BTS: Ch. 16 (443-448)	<b>11/14</b> <b>Glycolysis</b> BTS: Ch. 16 (453-458/16.2)
Date Topic Reading Assignment Item Due	<b>11/17</b> <b>Gluconeogenesis</b> BTS: Ch. 16 (458-470)	<b>11/19</b> <b>EXAM 3</b>	<b>11/21</b> <b>Citric Acid Cycle</b> BTS: Ch. 17 (475-485) <b>Metabolism</b> (Assignment 6)
Date Topic Reading Assignment Item Due	<b>11/24</b> <b>Citric Acid Cycle</b> BTS: Ch. 17 (485-493)	<b>11/26</b> <b>NO CLASS - Thanksgiving</b>	<b>11/28</b> <b>NO CLASS - Thanksgiving</b>
Date Topic Reading Assignment Item Due	<b>12/1</b> <b>Citric Acid Cycle</b> BTS: Ch. 17 (493-497)	<b>12/3</b> <b>Metabolic Regulation</b> <b>Review of Previous Reading</b> <b>Metabolism 2</b> (Assignment 7) <b>Assignment 6</b>	<b>12/5</b> <b>Electron Transport Chain</b> BTS: Ch. 18 (502-509)
Date Topic Reading Assignment Item Due	<b>12/8</b> <b>Electron Transport Chain</b> BTS: Ch. 18 (509-520)	<b>12/10</b> <b>Electron Transport Chain</b> BTS: Ch. 18 (520-535) <b>Assignment 7</b>	<b>12/12</b> <b>Metabolic Integration</b> BTS: Ch. 27 (TBD)
	<b>12/15</b> <b>CHEM 440 Final, 1pm-3pm</b>	<b>12/17</b> <b>BIOL 440 Final, 1pm-3pm</b>	