

Biology 210A Schedule* (Dr. Hurley) – Fall 2020 CRN 44324 & 44298

Class Week	Date/Day	Lecture Topics (Mon/Wed)	Campbell (11 th edition)	Lab Topic: Mon Lab (CRN 44324)/Wed Lab (CRN 44298)
1	Aug 17 M	Intro to Biological Themes/Chem. of Life/	Ch. 1, 2	Scientific Method
1	Aug 19 W	Water/Carbon Chemistry	Ch. 3, 4	Scientific Method
2	Aug 24 M	Quick Quiz 1 Biomolecular Structure & Function	Ch. 5	Biomolecules <i>◊Lab Quiz 1</i>
2	Aug 26 W	Biomol Structure & Function (Cont)	Ch. 5	Biomolecules <i>◊Lab Quiz 1</i>
3	Aug 31 M	→Exam #1 (Ch. 1-5) Intro to the Cell: A Microcosm	Ch. 6	Microscopy <i>◊Lab Quiz 2</i>
3	Sep 2 W	Quick Quiz 2 Organelle Function & Overview of Viruses (Characteristics & Types)	Ch. 6, 19 (sections 19.1 & 19.2)	Microscopy <i>◊Lab Quiz 2</i>
4	Sep 7 M	Holiday: Labor Day – No Class Read Chapter 8	Ch. 8	Holiday – Complete Virtual Lab
4	Sep 9 W	Quick Quiz 3 Fundamentals of Metabolism	Ch. 8	Enzymes <i>◊Lab Quiz 3</i>
5	Sep 14 M	→Exam #2 (Ch. 6, 8, 19) Membrane Structure & Function	Ch. 7	Osmosis/ Osmolarity <i>◊Lab Quiz 3 & 4</i>
5	Sep 16 W	Membrane Structure & Function	Ch. 7	Osmosis/ Osmolarity <i>◊Lab Quiz 4</i>
6	Sep 21 M	Quick Quiz 4 Cellular Respiration & Fermentation	Ch. 9	Fermentation <i>◊Lab Quiz 5</i>
6	Sep 23 W	Cellular Respiration & Fermentation	Ch. 9	Fermentation <i>◊Lab Quiz 5</i>
7	Sep 28 M	→Exam #3 (Ch. 7 & 9) Photosynthesis: Light Reactions	Ch. 10	Photosynthesis <i>◊Lab Quiz 6</i>
7	Sep 30 W	Photosynthesis: Calvin Cycle & Combatting Photorespiration	Ch. 10	Photosynthesis <i>◊Lab Quiz 6</i>
8	Oct 5 M	Quick Quiz 5 The Cell Cycle and Mitosis	Ch. 12	Cell Cycle & Microvolumetrics <i>◊Lab Quiz 7</i>
8	Oct 7 W	Sexual Reproduction: Meiosis	Ch. 13	Cell Cycle & Microvolumetrics <i>◊Lab Quiz 7</i>
9	Oct 12 M	→Exam #4 (Ch. 10, 12, 13) Molecular Basis of Inheritance	Ch. 16	Biotech. - Plasmids & Restriction Enzymes (Ch. 20) <i>◊Lab Quiz 8</i>
9	Oct 14 W	DNA Replication	Ch. 16	Biotech. - Plasmids & Restriction Enzymes (Ch. 20) <i>◊Lab Quiz 8</i>
10	Oct 19 M	Quick Quiz 6 Gene Expression: Transcription & RNA Processing	Ch. 17	DNA Gel Electrophoresis (Ch. 20) <i>◊Lab Quiz 9</i>
10	Oct 21 W	Gene Expression: Translation	Ch. 17	DNA Gel Electrophoresis (Ch. 20) <i>◊Lab Quiz 9</i>
11	Oct 26 M	Quick Quiz 7 Gene Expression: Mutation	Ch. 17	Transformation (Ch. 20) <i>◊Lab Quiz 10</i>
11	Oct 28 W	→Exam #5 (Ch. 16 & 17) Prokaryotic Gene Regulation	Ch. 18 (section 18.1)	Transformation (Ch. 20) <i>◊Lab Quiz 10</i>
12	Nov 2 M	Prok. Gene Regulation (Cont) Eukaryotic Gene Regulation	Ch. 18 (sections 18.2 & 18.3)	PCR (Ch. 20) <i>◊Lab Quiz 11</i>
12	Nov 4 W	Quick Quiz 8 Cell Communication	Ch. 11	PCR (Ch. 20) <i>◊Lab Quiz 11</i>
13	Nov 9 M	Cell Communication	Ch. 11	Molecular Genetics <i>◊Lab Quiz 12</i>
13	Nov 11 W	Holiday: Veteran's Day – No Class Review Ch. 11 & 18	Ch. 11 & 18	Holiday – Complete Virtual Lab
14	Nov 16 M	→Exam #6 (Ch. 11 & 18) Genetics: Mendel's Model	Ch. 14	Human Heredity/Bioinformatics <i>◊Lab Quiz 13</i>
14	Nov 18 W	Complex Genetics: Beyond Mendel	Ch. 14	Human Heredity/Bioinformatics <i>◊Lab Quiz 12 & 13</i>
**	Nov 30 M	Quick Quiz 9 Complex Genetics: Beyond Mendel	Ch. 14	Hardy Weinberg Lab & Genetics Practice Problems <i>◊Lab Quiz 14</i>
15	Dec 2 W	Population Genetics	Ch. 23 (sections 23.1-23.2)	Hardy Weinberg Lab & Genetics Practice Problems <i>◊Lab Quiz 14</i>
16	Dec 7 M	Quick Quiz 10 Mechanisms of Microevolution	Ch. 23 (sections 23.3-23.4)	Exit Survey <i>◊Lab Quiz 15</i>
16	Dec 9 W	Mechanisms of Microevolution (Cont)		Exit Survey <i>◊Lab Quiz 15</i>
17	Dec 14 M	→Final Exam (Ch. 14 & 23)		TBA
**=Nov 23	Nov 25	Thanksgiving Break (No Class)		Thanksgiving Break (No Lab)

* - Schedule is subject to change

◊ = All lab quizzes will pertain to material presented in the prior week's lab