

Prep for General Biology 119:199 FALL 2021

Use [Preparatory Assignments](#) link on Canvas for textbook use and outcomes

<u>Date</u>	<u>Topic</u>	<u>Laboratory</u>
9/2	1. Biology & Learning	No Laboratory
9/7	2. Biology & Learning	No Laboratory
9/9	3. Sci Method/ Life Emerges	
9/14	4. Homeostasis Emerges	1- RU Learning & Scientific Method
9/16	5. Atoms	
9/21	6. Atomic Structure	2- Recall Experiments
9/23	7. Bonding Emerges	
9/28	8. Emergent Properties of Water	3- Data Analysis 1
9/30	EXAM 1	
10/5	9. pH	4- Scientific Instrumentation
10/7	10. Biological Molecules	
10/12	11. Carbohydrates	5- Molecular Motion 1
10/14	12. Lipids	
10/19	13. Proteins	6- Molecular Motion 2
10/21	EXAM 2	
10/26	14. Nucleic Acids	7- Data Analysis 2
10/28	15. Nervous Systems	
11/2	16. Membranes	8- Graphing Techniques
11/4	17. Molecular Transport	
11/9	18. Action Potentials	9- Central Nervous System
11/11	19. Synapses	
11/16	20. Central Dogma	10- Peripheral Nervous System
11/18	EXAM 3	
11/23	21. Genes and Evolution	No Laboratory
11/25	NO CLASS (THANKSGIVING)	
11/30	22. Evolution	No Laboratory
12/2	23. Energy Transformation	
12/7	24. Enzymes	Lab Practical
12/9	25. Cellular Respiration	
12/21	Final Exam	12:00 - 3:00 PM 12/21

Textbook: Biology 2nd Ed OpenStax <https://openstax.org/details/books/biology-2e>

Wednesday 9/8-follow Monday schedule *Monday 11/29-follow Wednesday schedule

Tuesday and Wednesday 12/14+ 15 = Reading Days Finals Period begins: 12/16 <https://finals.rutgers.edu>

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