

BIOL 1407 Biology II Online Course Information Spring 2025

Instructor: Brian P. Jones

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Email: bjones@panola.edu Please E-mail me in canvas only (Email usually checked three times per day)

Office Hours: MW 9:30-11:30a.m.

Virtual Office Hours: TR 3:15p.m.-5:15p.m./F 9:00a.m.-10:00a.m. (OFFICE HOURS SUBJECT TO CHANGE)

Special Note:

The instructor reserves the right to change any portion of the stated requirements for the course with timely notice given to students.

Tutorials:

Your first, best and most frequently offered opportunities for “tutorial” assistance are to meet with the instructor during office hours. Those hours are listed near the top of this document and on the office door. If the designated “Office Hours” do not work with your schedule, you should make an appointment with your instructor for another time. For Distance Learning students, phone calls, email, discussion postings and study groups are also good options.

Group tutorial opportunities may be offered during the semester. At least one will focus on study skills.

Do not come to the instructor’s office empty handed or empty headed. If you are preparing for class by reading and taking notes AND you are listening in lecture, you should be able to give the instructor a fair idea of what concepts confuse you the most.

Lecture Assignments:

The lecture assignments in this class will consist of activities to help you understand the information from each chapter covered. Dynamic Study Modules will be assigned for each Chapter and will be for grade. Mastering Homework assignments will also be assigned for a grade. You may also have some lecture quizzes that will be taken in Mastering Biology. Note: (Late work is not accepted.)

Lecture Exams:

There will be a total of 5 Lecture Exams and 1 Final Exam. Exams 1, 2, 3 and the Final Exam are Proctored Online using Respondus with Monitor. (Note: If you are a dual credit student, your Proctored Exams will be given at the Testing facility at your High school.) (Note: There will be a review sheet and you will be able to create notes to use for these exams) You will be given a 3 day window to take all exams. (Note: Exams must be completed by the assigned due date. If the exam is not completed by the assigned due date you will receive a zero for an exam grade. There are no missed exam make-ups)

Lecture Exams count 40% of the semester average.

Tentative Lecture Test Schedule: (Testing schedule is subject to change)

Exam 1: Chs. 24-27	<u>Wed. Jan. 29th Proctored (Testing Center)</u>
Exam 2: Chs. 28-31	<u>Wed. Feb. 19th Proctored (Testing Center)</u>
Exam 3: Chs. 32-35	<u>Wed. Mar. 12th Proctored (Testing Center)</u>
Exam 4: Chs. 36-39	<u>Wed. Apr. 9th Open Book Unproctored</u>
Exam 5: Chs. 40-43	<u>Wed. Apr. 23rd Open Book Unproctored</u>
FINAL Exam	<u>Mon. May 5th – Wed. May 7th (Testing Center)</u>

Laboratory:

The lab activities in this course are designed to reinforce the lecture material. You will be completing engaging virtual lab from (HOL) Hands on Labs. You may also be completing HHMI Virtual Labs. You will receive a grade for all of the Virtual lab activities. All labs (HOL & HHMI) must be completed by the due dates in canvas to receive credit. Note: (Late work is not accepted)

Labs count 30% of the semester average.

Communication:

Students in both the Face to Face and Online classes should use the email tool within Canvas to communicate with the instructor. E-mail is preferable to telephone calls except in emergency situations.

Weeks (1-16) (M – F)	Topic(s) (Note: Every Chapter has a Dynamic Study Module that must be completed for a grade)	Chapter(s) covered	Mastering Biology Dynamic Study Modules	Mastering Biology Homework Assignments	Unit Exams (P) Proctored
1 Jan. 15-17	Class Orientation / Introduction / Early Life and Diversification of Prokaryotes	24	24	Intro to Mastering Biology Chap. 24	
2 Jan. 21-24	MLK Holiday (Jan. 20th) The Origin and Diversification of Eukaryotes / The Colonization of Land	25 ,26	25, 26	Chap. 25 Chap. 26	
3 Jan. 27-31	The Rise of Animal Diversity	26, 27	27	Chap. 27	(P) Exam #1 (Chs. 24-27)
4 Feb. 3-7	Plant Structure and Growth / Resource Acquisition, Nutrition, and Transport in Vascular Plants	28,29	28, 29	Chap. 28 Chap. 29	
5 Feb. 10-14	Reproduction and Domestication of Flowering Plants / Plant Responses to Internal and External Signals	30, 31	30, 31	Chap. 30	
6 Feb. 17-21	Plant Responses to Internal and External Signals	31	31	Chap. 31	(P) Exam #2 (Chs. 28-31)
7 Feb. 24-28	The Internal Environment of Animals: Organization and Regulation / Animal Nutrition	32, 33	32, 33	Chap. 32 Chap. 33	
8 Mar. 3-7	Circulation and Gas Exchange / The Immune System	34, 35,	34, 35	Chap. 34	
9 Mar. 10-14	The Immune System	35	35	Chap. 35	(P) Exam #3 (Chs. 32-35) Mar. 10th Mid-term Semester Grades Posted
Mar. 17-21	Spring Break				
10 Mar. 24-28	Reproduction and Development / Neurons, Synapses, and Signaling	36, 37	36, 37	Chap. 36 Chap. 37	
11 Mar. 31-Apr. 4	Nervous and Sensory Systems / Motor Mechanisms and Behavior	38, 39	38, 39	Chap. 38 Chap. 39	
12 Apr. 7-11	Motor Mechanisms and Behavior	39	39	Chap. 39	April 11th Last Day to Withdraw Exam #4 Open Book (Chs. 36-39)
13 Apr. 14-18	Population Ecology and Distribution of Organisms / Species Interactions	40, 41	40, 41	Chap. 40 Chap. 41	
14 Apr. 21-25	Ecosystems and Energy / Global Ecology and Conservation Biology	42, 43	42, 43	Chap. 42 Chap. 43	Exam #5 Open Book (Chs. 40-43)
15 Apr. 28-May 2	Review for Final Exam				
16 May 5-8	Final Exam (P) (Chs. 24-43)				

The lecture professor will set the specific due dates for the Mastering Biology Assignments. Other lecture assignments may include in class pop quizzes, student presentations, or group discussions which will be announced and determined by the professor.

