

## BIOL 1406 General Biology I Course Information Fall 2024

**Instructor:** Laura K. Bryan

**Office:** Garrison ISD

**Office Phone number:** 936-347-700 ext 7102

**Email:** [lbryan@panola.edu](mailto:lbryan@panola.edu) Please E-mail me in canvas only (Email usually checked three times per day)

**Office Hours:** M-F 7:45 a.m. – 3:25 pm

**(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 4 Lecture Exams and 1 Final Exam. Exams 1, 2, 3 and the Final Exam are Proctored and will be taken at one of the Panola College Testing Centers (Marshall, Carthage, Center **(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 2 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. 1-5	<u>Thur. Sept. 19<sup>th</sup> Proctored (Testing Center)</u>
Exam 2: Chs. 6-10	<u>Thur. Oct. 10<sup>th</sup> Proctored (Testing Center)</u>
Exam 3: Chs. 11-15	<u>Thur. Nov. 7<sup>th</sup> Proctored (Testing Center)</u>
Exam 4: Chs. 19-23	<u>Thur. Nov. 21<sup>st</sup> Unproctored</u>

**FINAL Exam Testing Window of (Thu. 12/05, Fri. 12/06, Mon. 12/09, Tuesday 12/10) PROCTORED Online Proctorio in Panola College Testing Center (Marshall, Carthage, Center)**

**Laboratory:**

The lab activities in this course are designed to reinforce the lecture material through a hands on experimental approach. You will be completing labs from your lab book. You will also be completing some virtual labs from the HHMI.org website. You will receive grades for the face to face lab activities as well as the virtual lab activities. **(To receive credit for face to face labs and virtual labs you must complete them by the assigned due date. Late labs will not be accepted.)**

**Labs count 30% of the semester average.**

**Policy on Electronic Devices in the Classroom:**

All electronic devices are to be stowed out of sight unless the student receives permission from the instructor to have them visible. The instructor reserves the right to view any open windows or minimized items on any computer or computer-type device being used by the student during class. All communication devices must be set to silent. If a personal situation necessitates a student needing the use of such devices, they must get permission from the instructor before class starts. The student will then be assigned a seat close to the door so that they may leave the classroom with a minimal amount of disruption to the class. Failure to abide by these rules may result in disciplinary action

**Attendance and Conduct:**

Please refer to the policies in the current catalog. **You are not allowed to miss more than 3 face to face classes in a Monday/Wednesday class. Missing more than 3 class sessions in lecture or lab can result in being dropped from the class.** Promptness to lecture and lab is expected. **3 tardies equal an absence.** Students will be respectful and attentive. **Students exhibiting inappropriate behaviors are subject to removal from the classroom and potentially from the class. Hats will not be worn in the lecture room or in the laboratory. Students will not eat and/or drink in the classroom. Cell phones must be turned off in the classroom and laboratory.**

**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.

**Biology 1406: Biology I Tentative Fall 2024 Lecture Schedule (Note: Schedule may change)**

<b>Weeks (1-16) (M – F)</b>	<b>Topic(s) (Note: Every Chapter has a Dynamic Study Module that must be completed for a grade)</b>	<b>Chapter(s) covered</b>	<b>Mastering Biology Dynamic Study Modules</b>	<b>Mastering Biology Homework Assignments</b>	<b>Unit Exams (P) Proctored</b>
<b>1</b> Aug. 20-23	Class Orientation / Introduction: Evolution and Foundations of Biology	1	1	Intro to Mastering Biology	
<b>2</b> Aug. 26-30	Introduction: Evolution and Foundations of Biology / The Chemical Context of Life	1, 2	2	Chap. 1 Chap. 2	
<b>3</b> <b>Sept. 2<sup>nd</sup> Labor Day</b> Sept. 3-6	Carbon and Molecular Diversity of Life	3	3	Chap. 3	
<b>4</b> Sept. 9-13	Tour of the Cell / Membrane Transport and Cell Signaling	4,5	4, 5	Chap. 4 Chap. 5	
<b>5</b> Sept. 16-20	An Introduction to Metabolism	6	6	Chap. 6	(P) Exam# 1 (Chs. 1-5)
<b>6</b> Sept. 23-27	Cellular Respiration and Fermentation / Photosynthesis	7,8	7, 8	Chap. 7 Chap. 8	
<b>7</b> Sept. 30-Oct. 4 <sup>th</sup>	The Cell Cycle / Meiosis and Sexual Life Cycles	9, 10	9, 10	Chap. 9 Chap. 10	
<b>8</b> Oct. 7-11	Meiosis and Sexual Life Cycles	10			(P) Exam# 2 (Chs. 6-10)
<b>9</b> Oct. 14-18	Mendel and the Gene Idea / The Chromosomal Basis of Inheritance	11, 12	11, 12	Chap. 11 Chap. 12	<b>Oct. 15<sup>th</sup> Mid- Term Grades Posted</b>
<b>10</b> Oct. 21-25	The Molecular Basis of Inheritance / Gene Expression From Gene to Protein	13, 14	13, 14	Chap. 13 Chap. 14	
<b>11</b> Oct. 28 –Nov. 1	Gene Expression From Gene to Protein / Regulation of Gene Expression	14, 15	14, 15	Chap. 15	
<b>12</b> Nov. 4- Nov. 8	Descent with Modification	19	19	Chap. 19	<b>Nov. 8<sup>th</sup> Last Day to Withdraw (P) (Exam# 3 (Chs. 11-15)</b>
<b>13</b> Nov. 11-15	Phylogeny / The Evolution of Populations	20, 21	20, 21	Chap. 20 Chap. 21	
Nov. 18-22	Thanksgiving Break				
<b>14</b> Nov. 25-29	The Origin of Species / Broad Patterns of Evolution	22, 23	22, 23	Chap. 22 Chap. 23	Exam# 4 (Chs. 19-23)
<b>15</b> Dec. 2-4 ( <b>Dec. 5, 6 Exams</b> )	Review for Final Exam / Highlight Keypoints from Chs. 16-18 / Final Exam (Chs. 1-23)				
<b>16</b> Dec. 9-11 ( <b>Exams</b> )	(P) Final Exam (Chs. 1-15/ 19-23)				

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.