

## BIOL 1409 General Biology II Online Course Information Spring 2025

**Instructor:** Brian P. Jones

**Office:** Powell Science Center Bldg. Office# 2305 **Phone#** 903-693-2074

**Email:** [bjones@panola.edu](mailto: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. Engaging Homework assignments will also be assigned for a grade. **(You will not receive a grade if you do not complete the Dynamic Study Modules by their assigned due dates.) (Extra Credit assignments must be submitted by the due date or no credit will be received for it.)** To receive full credit for Engaging homework assignments, you must turn them in by the assigned due date. **(Note: If the engaging homework assignments are turned in past the due date, 10% will be taken off from the engaging homework assignment grade each day it is late.)**

**Lecture assignments** count **20% of the semester average.**

### Lecture Exams:

There will be a total of 6 Exams. All exams are open book except Exam #4 and the Final Exam which are proctored using Respondus with Monitor. **(Note: There will be a review sheet and you will be able to create notes to use for the exams)** You will be given a 2 day window to take unproctored exams and a 3 day window to take proctored 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.

### Final Exams:

The Final Exam is proctored and is comprehensive over Chapters 16-33. **(Note: There will be a Final Exam Review Sheet and you will be able to create notes to use for this exam)**

The Final Exam will count **20%** of the semester average.

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

|                       |  |
|-----------------------|--|
| Exam 1: Ch 16, 17     | Fri. 01/24 unproctored   |
| Exam 2: Ch 18,19      | Fri. 02/07 unproctored   |
| Exam 3: Ch 20, 21     | Fri. 02/21 unproctored   |
| Exam 4: Ch 22,23,24   | Tues. 03/11-Thu. 03/13 <b>PROCTORED RESPONDUS WITH MONITOR</b> |
| Exam 5: Ch 25,26,27   | Fri. 04/04 unproctored   |
| Exam 6: Ch 28,29,30   | Fri. 04/18 unproctored   |
| FINAL Exam Chs. 16-33 | Mon. 05/05 <b>PROCTORED RESPONDUS WITH MONITOR</b>             |

### Laboratory:

The lab activities in this course are designed to reinforce the lecture material. You will be completing engaging virtual labs from (HOL) Hands on Labs. You will also be completing some virtual labs from the HHMI.org website. 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 labs are not accepted)**

Labs count **20%** of the semester average.

### Communication:

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

**REMEMBER:** Your **Attendance, Completion of Dynamic Study Modules, Completion of all the Unit Test** can have an effect on your Final Exam Grade. At the end of the semester, you will have an opportunity to add points to your final through a Final Exam Curve. It is possible to earn a total of **25 points** on to your Final Exam. The scale below shows how points can be earned.

#### **Final Exam Curve Rubric (25pts can be earned if you meet the criteria below)**

**Attendance 90% or greater = 10pts**

**Attendance of at least 85% = 5pts**

**Completion of All 15 Dynamic Study Modules = 10pts**

**Completion of more than 7 Dynamic Study Modules = 5pts**

**Completion of all 6 Unit Test = 5pts**

**Completion of at least 3 Unit Test = 2pts**

One can readily see that **Final Exam Curve** could possibly have a big impact on your final average. Make sure you follow all instructions to get as many extra points as possible.

**Biology 1409: Biology II Tentative Spring 2025 Online Lecture Schedule (Note: Schedule may change)**

| <b>Weeks<br/>(1-16)<br/>(M – F)</b> | <b>Topic(s)</b><br>(Note: Every Chapter has a Dynamic Study<br>Module that must be completed for a grade)  | <b>Chapter(s)<br/>covered</b> | <b>Mastering<br/>Biology<br/>Dynamic Study<br/>Modules</b> | <b>Mastering Biology<br/>Homework<br/>Assignments</b>                               | <b>Unit Exams<br/>(P) Proctored</b>   |
|-------------------------------------|--|-------------------------------|--|---|---|
| <b>1</b><br>Jan. 15-17              | Class Orientation / Introduction / Evolution<br>Review of Natural Selection, Speciation,<br>Macro/Micro Evolution, Phylogenetic Trees<br>Microbial Life: Prokaryotes | 16                            | 16   | Intro to Mastering<br>Biology<br>Evolution Review                                   |   |
| <b>2</b><br>Jan. 21-24              | <b>MLK Holiday (Jan. 20<sup>th</sup>)</b><br>The Evolution of Plant and Fungal Diversity   | 17                            | 17   | The Evolutionary<br>Trends Review<br>The Evolution of Plant<br>and Fungal Diversity | Exam #1<br>(Chs. 16-17)   |
| <b>3</b><br>Jan. 27-31              | The Evolution of Invertebrate Diversity  | 18                            | 18   | Evolution of<br>Invertebrate Diversity  |   |
| <b>4</b><br>Feb. 3-7                | The Evolution of Vertebrate Diversity  | 19                            | 19   | Evolution of Vertebrate<br>Diversity  | Exam #2<br>(Chs. 18-19)   |
| <b>5</b><br>Feb. 10-14              | Unifying Concepts of Animal Structure and<br>Function  | 20                            | 20   | The Unifying Concepts<br>of Animal Structure<br>and Function                        |   |
| <b>6</b><br>Feb. 17-21              | Nutrition and Digestion  | 21                            | 21   | Nutrition and Digestion   | Exam #3<br>(Chs. 20-21)   |
| <b>7</b><br>Feb. 24-28              | Gas Exchange   | 22                            | 22   | Gas Exchange  |   |
| <b>8</b><br>Mar. 3-7                | Circulation  | 23                            | 23   | Circulation   |   |
| <b>9</b><br>Mar. 10-14              | The Immune System  | 24                            | 24   | Immune System   | (P) Exam #4<br>(Chs. 22-24)<br><b>Mar. 10<sup>th</sup> Mid-<br/>term Semester<br/>Grades Posted</b> |
| Mar. 17-21                          | <b>Spring Break</b>  |                               |  |   |   |
| <b>10</b><br>Mar. 24-28             | Control of Body Temperature and Water Balance<br>/ Hormones and the Endocrine System   | 25,26                         | 25, 26   | Hormones and the<br>Endocrine System  |   |
| <b>11</b><br>Mar. 31-Apr. 4         | Reproduction and Embryonic Development   | 27                            | 27   | Reproduction and<br>Embryonic<br>Development  | Exam #5<br>(Chs. 25-27)   |
| <b>12</b><br>Apr. 7-11              | Nervous System   | 28                            |  | Nervous System  | <b>April 11<sup>th</sup><br/>Last Day to<br/>Withdraw</b>   |
| <b>13</b><br>Apr. 14-18             | The Senses / How Animals Move  | 29, 30                        | 29, 30   | The Senses  | Exam #6<br>(Chs. 28-30)   |
| <b>14</b><br>Apr. 21-25             | Plant Structure, Growth, Reproduction / Plant<br>Nutrition and Transport / Control Systems in<br>Plants  | 31, 32,                       | 31, 32, 33   | Plant Structure Growth<br>and Reproduction /<br>Plant Nutrition and<br>Transport    |   |
| <b>15</b><br>Apr. 28-May 2          | Review for Final Exam  |                               |  |   |   |
| <b>16</b><br>May 5-8                | Final Exam (P) (Chs. 16-33)  |                               |  |   |   |

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.

