

# BIOL 1307: Biology for Science Majors II

Class: 3 Semester Credit Hours

BIOL 1307 Online

## BIOL 1107: Biology for Science Majors II Lab

Lab: 1 Semester Credit Hours

BIOL 1107 Online

Clarendon College  
Division of Science and Health  
Course Syllabus  
**Summer II 2024**

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The “Messages” feature within the online platform is the main method you should use to contact me. I will make every effort to check the course website every weekday and respond to your message requests within 24 hours on business days.

**Online Course website:** This online course uses Open LMS as its online course management program. All instructions, tutorials, exams, and assignments are provided through your Open LMS course. All assignments must be submitted there. Due dates for all assignments are listed in the “Course Schedule” at the course website. Most communication between you and your instructor and fellow classmates will be handled in the online platform through the “Messages” feature and discussion forums. You will be able to log into the course website once you have officially registered for the course and once you have been added to the course website. The course website will become available to you by the first day of the semester. If you register late, you will generally have access to the course within 24 hours after you register. In order to be successful in completing BIOL 1307, a 3-credit hour course, and BIOL 1107, a 1-credit hour course, you should plan to spend between 28-38 hours per week on the courses.

The information explaining how to log into your course website can be obtained by going to [Clarendon College's](#) home page and clicking on the drop-down menu **Portal Login** then clicking on Online Classes. On that page, click on the link “[Click here to login to Online Courses.](#)” If you have any difficulty logging in, email our help desk at: [administrator@clarendoncollege.edu](mailto:administrator@clarendoncollege.edu)

### Required Enrollment Verification Activity

This activity is a “Course Contract” that explains you understand and will abide by my class policies as explained in the syllabus. It is located in the Class Orientation section of your course.

Students who fail to complete the Syllabus Agreement EVA (Enrollment Verification Activity) by the official census date may not be able to continue in the course. This could result in an F for the course and forfeiture of Financial Aid. The census date for this term can be found on the Academic Calendar located at the Inside CC link on Clarendon College's home page.

**BIOL 1307 Course Description:** This course is a continuation of BIOL1306. The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology and evolution of plants and animals.

**Co-requisite:** BIOL 1107 Biology for Science Majors I Lab

**BIOL 1107 Course Description:** This laboratory-based course accompanies BIOL 1307, Biology for Science Majors II. Laboratory activities will reinforce study of the diversity and classification of life, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology and evolution of plants and animals.

**Pre-/Co-requisite:** BIOL 1306 Biology for Science Majors I

**Statement of Purpose:** Biology for Science Majors II partially satisfies the requirements for the Associates Degree at Clarendon College and is designed for transfer to a senior college.

**Required Instructional Materials Supplies:** This course has a required textbook that is available online at no cost to students. The labs require materials that can be purchased at a grocery and/or variety store.

**Required Text** Biology 2e textbook authored and published by OpenStax College (License: [CC-BY 4.0](https://creativecommons.org/licenses/by/4.0/)). **You are responsible for reading the Text.** You can access and/or download the textbook material at <https://openstax.org/details/books/biology-2e>. **You do not have to print the textbook as it is available as an e-text on the OpenStax website and available via hyperlinks from Open LMS.**

**Methods of Instruction:** This course will utilize readings, PowerPoint presentations, forum discussions, audio-visual materials, and lab instruction.

**Student Rights and Responsibilities:** Student Rights and Responsibilities are listed on the College website at: <http://www.clarendoncollege.edu/Resources/Student%20Services/StudentRightsResponsibilities.pdf>

In accordance with recommendations from the Texas Higher Education Coordinating Board, all life and physical science courses at Clarendon College will address the following core objectives:

- **Critical Thinking Skills** – including creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
- **Communication Skills** – including effective written, oral, and visual communication.
- **Empirical and Quantitative Skills** – including application of scientific and mathematical concepts.
- **Teamwork** – including the ability to consider different points of view and to work effectively with others to support a shared purpose or goal.

Specific **Student Learning Outcomes** for the class and lab can be viewed from the THECB website at this link: <https://reportcenter.highered.texas.gov/training-materials/lower-division-academic-course-guide-spring-21/>

**Course Expectations:**

- You may expect a response time from me of a day (24hrs) on business days for messages or email, and perhaps two to three days for Forum grades.
- Etiquette expectations (netiquette) for all types of communication: You are expected to take responsibility in helping to maintain a classroom environment that is conducive to learning. Please be polite and maintain a professional tone in your writing. NO abusive language will be tolerated in this course.

**Computer/Technology Requirement:** This course uses a variety of web resources that require a good Internet connection and an up-to-date browser. The course will have its best appearance and functionality utilizing Mozilla Firefox. Note: If you use your iPad or iPhone to work in this course, download and use Mozilla Firefox to access the course instead of using Safari as your internet browser. Note: To use your **mobile device**, install the **Open LMS app**. Some activities cannot be completed on a mobile device.

You must have the following programs on your computer in order to use and complete these online courses:

- Adobe Reader (to view the PDF type of documents)
- Latest version of one of these internet browsers on your computer: **Mozilla Firefox, Google Chrome, or Microsoft Edge.**
- You must also have access to the **Microsoft Office** program that contains Microsoft Word to view some documents and PowerPoint to view some slideshows. (If you don't already have it on your computer, you can download the free Microsoft 365 available through Clarendon College. Click [these instructions](#) for help downloading it as well as accessing your Bulldogs email.)

**Grading Policies:** You will receive one letter grade for BIOL 1307 and one letter grade for BIOL 1107. Those grades come from the components described below. **Student grades and course averages are viewable in Open LMS by clicking on the “Course Dashboard” and then clicking on the “Gradebook” in Open LMS. All graded activities/discussions/quizzes for BIOL 1307 and BIOL 1107 must be completed and/or submitted in the Open LMS learning platform.**

**BIOL 1307: Biology for Science Majors II Class**

1. **Required Enrollment Verification Activity (EVA):** Required Enrollment Verification Activity  
This activity is a “Course Contract” that explains you understand and will abide by my class policies as explained in the syllabus. It is located in the Class Orientation section of your course.

Students who fail to complete the Syllabus Agreement EVA (Enrollment Verification Activity) by the official census date may not be able to continue in the course. This could result in an F for the course and forfeiture of Financial Aid. The census date for this term can be found on the Academic Calendar located at the Inside

CC link on Clarendon College's home page.

2. **Class discussions and presentations will count as 5%** of your final course grade. This portion of your grade comes from your completion of class discussions and assignments that are posted in Open LMS.
3. **Chapter quizzes and assignments will count as 55%** of your final course grade. Each chapter has at least one quiz or assignment. BEFORE you attempt the quiz:
  - a. Be sure to read the e-text chapter thoroughly.
  - b. You may find it helpful to review the included PowerPoints as well as class notes that accompany the chapters.
  - c. Be certain to complete the discussion or activity for that chapter.
  - d. You will only have one attempt for each chapter quiz. Once you begin the quiz, you must complete it within the allotted time.
  - e. No quiz grades will be dropped.
4. **Class exams will count as 40%** of your final course grade.
  - a. The exams will utilize a variety of question formats (objective, matching, multiple choice, true/false, etc.)
  - b. You will only have one attempt for each exam. Once you begin the exam, you must complete it within the allotted time.
  - c. All class exams, including the final, will be weighted equally.
  - d. Each exam covers the material covered since the last exam (not comprehensive).
  - e. No exam grades will be dropped.

#### **BIOL 1107: Biology for Science Majors I Lab**

##### **1. Required Enrollment Verification Activity**

This activity is a "Course Contract" that explains you understand and will abide by my class policies as explained in the syllabus. It is located in the Class Orientation section of your course.

Students who fail to complete the Syllabus Agreement EVA (Enrollment Verification Activity) by the official census date may not be able to continue in the course. This could result in an F for the course and forfeiture of Financial Aid. The census date for this term can be found on the Academic Calendar located at the Inside CC link on Clarendon College's home page.

2. **Class Participation: Forums/Discussions will count as 5%** of your final lab grade. This portion of your grade comes from your completion of lab forums/discussions and assignments that are posted in Open LMS.
3. **Lab quizzes and assignments will count as 55%** of your final lab grade.
  - a. There will be **One Attempt** per quiz. Even though these quizzes are open notes; it would be to your advantage to watch the Video, read the Lab Exercise, and perform any required lab activities before taking the quiz.
4. **Lab exams will count as 40%** of your final lab grade.
  - a. Your final lab exam that will be set up in a free virtual lab simulation website. The virtual lab simulation focuses on problem-solving, and data analysis skills, including graphing and interpretation of data that will be counted as your final exam lab practical.

Grading Scale for the class and lab:

<u>Letter Grade</u>	<u>Numeric Grade</u>
A	90-100
B	80-89
C	70-79
D	60-69
F	59 and below

**Your official final course grade will appear in your Student Portal.**

Grades earned for each graded activity will be available in Open LMS. However, in your Open LMS gradebook, assume that any activity you did not complete is a zero, even if a hyphen appears beside the activity in the gradebook. The current course average shown in the Open LMS gradebook will not be correct until I have replaced the hyphens with zeroes.

### **Academic Integrity Policy: An Excerpt from Clarendon College's Student Handbook**

Clarendon College is committed to a philosophy of honesty and academic integrity. It is the responsibility of all members of the Clarendon College community to maintain academic integrity at Clarendon College by refusing to participate in or tolerate academic dishonesty. Any act of academic dishonesty will be regarded by the faculty and administration as a serious offense.

Be certain to review the Student Academic Integrity and Classroom Ethics policies in your Student Handbook. You are responsible for both knowing and adhering to these policies. You may access the Student Handbook at this link:

<https://www.clarendoncollege.edu/resources/student%20services/2018-2019%20student%20handbook.pdf>

### **Class Policies for 1307 and 1107:**

1. **Online Attendance Policy:** Regular attendance is mandatory in all online courses. Specific activities will be identified each week or during each chapter that must be completed in order for students to be considered "in attendance." Failure to complete these assignments can result in forfeiture of Financial Aid and failure of the class.  
For this course, I will submit an attendance report each Monday morning and on the census date. Students who are following the online attendance policy and participating in the weekly Forum Discussions are marked "present."
2. **Make-up work:** Late will not be accepted unless the missed assignment is due to an emergency (with documentation). Allowing a student to make up late work is solely at the discretion of the instructor.
3. **Final Exam:** Students must take a final for each of their academic courses. The schedule of final exam times is published at the beginning of the semester. I will not give any early finals except in extreme emergencies after students have provided documentation of said emergency. The final exam will be **open from 12:01 a.m. CDST on August 11, 2024, through 11:59 p.m. CST on August 13, 2024.** **\*\*Because grades must be posted to transcripts, this deadline absolutely cannot be extended. Be sure that you do not miss taking these exams during the specified time.\*\***
4. **Scholastic Honesty:** I adhere to a strict policy regarding academic honesty. Anyone who is dishonest in any way will receive a zero on that assignment or exam with no opportunity to make up the zero and may be dropped from the course with a grade of F.
5. **Grievance Policy:** If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Clarendon College Catalog. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience
6. **Accommodations:** REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT:  
In accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, any student who feels that he or she may need any special assistance or accommodation because of an impairment or disabling condition should contact the Associate Dean of Enrollment Services at 806-874-4837 / [janean.reish@clarendoncollege.edu](mailto:janean.reish@clarendoncollege.edu) or visit the Clarendon campus at Clarendon College. It is the policy of Clarendon College to provide reasonable accommodation as required to afford equal educational opportunity. It is the student's responsibility to contact the Associate Dean of Enrollment Services.
7. **Nondiscrimination Policy**  
Clarendon College, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran status.  
  
It is the policy of Clarendon College not to discriminate based on gender, age, disability, race, color, religion, marital status, veteran's status, national or ethnic origin, or sexual orientation. Harassment of a student in class, i.e., a pattern of behavior directed against a particular student with the intent of humiliating or intimidating that student will not be tolerated. The mere expression of one's ideas is not harassment and is fully protected by academic freedom, but personal harassment of individual students is not permitted.
8. **Withdrawal:** If you decide that you are unable to complete this course or that it will be impossible to complete the course with a passing grade, you may drop the course and receive a "W" on your transcript instead. (The last day to drop a course is available on the Academic Calendar, located at the Student link on the Clarendon College website.) Withdrawal from a course is a formal procedure that you must initiate. If you do not go through the formal withdrawal procedure, you will receive whatever grade you have earned.

Whether to drop a class or not requires a lot of thought. According to Texas state law a student is only allowed to drop the same class twice before he/she will be charged triple the tuition amount for taking the class a third time or more. Furthermore, beginning with the Fall 2007 semester, students in Texas may only drop a total of 6 courses throughout their entire undergraduate career. After the 6<sup>th</sup> dropped class, he/she will no longer be able to withdraw from any classes.

**The last day to withdraw from this course with a "W" is Tuesday, July 9, 2024**

**Course Outline SUMMER SESSION II ( July 8<sup>th</sup> – August 13<sup>th</sup>)**

	<p align="center"><b>CLASS and LAB TOPICS</b></p> <p><b>Yellow highlighted – used for attendance</b></p>
	<p align="center"><b>WEEK 1 (July 8 - July 14)</b></p>
<p><b>Due Tuesday, July 9th</b></p>	<p>Classes start Monday, July 8 – <b>it is important to log in to the course immediately so I can count you present for the college's records</b></p> <p>Tuesday, July 9th - last day to last day to register and add/drop</p> <p><i>July 11 – Census Day</i></p> <p>Syllabus and Quick Links Unit 1 - Class Orientation &amp; Required EVA (attendance) *Verify Identity</p>
<p><b>Due Thursday, July 11th</b></p>	<p>Unit 2 - Evolution (Ch 18 19, 20)</p>
<p><b>Due Sunday, July 14</b></p>	<p>** Exam 1</p> <p>-----</p>
<p><b>Due Tuesday July 9th</b></p>	<p><b>Lab:</b> Syllabus and Quick Links Unit 1 - Class Orientation &amp; Required EVA (attendance) *Verify Identity</p>
<p><b>Due Friday, July 12th</b></p>	<p><b>Lab:</b> Unit 2 Lab Safety, Evolution, Viruses</p>
	<p align="center"><b>WEEK 2 (July 15 - July 21)</b></p>
<p><b>Due Thursday July 18</b></p>	<p>Unit 3 - Diversification of Prokaryotes &amp; Eukaryotes; Viruses *Quiz - Prokaryote Eukaryote Diversity - (attendance)</p> <p>Unit 4 - Protists and Fungi</p>
<p><b>Due Sunday July 21st</b></p>	<p>** Exam 2</p> <p>-----</p>
<p><b>Due Friday July 19</b></p>	<p><b>Lab:</b> Prokaryotes Vs Eukaryotes *Quiz 3 Prokaryotic Vs Eukaryotic (Attendance) Fungi - Quiz 4</p>

	<b>WEEK 3 (July 22 - July 28)</b>
<b>Due Thursday July 25</b>	Unit 5 - Seedless Plants *Seedless Plants Video - Quizizz (attendance)
<b>Due Sunday July 28th</b>	Unit 6 - Seed Plants  ** Exam 3 -----
<b>Due Friday July 26</b>	<b>Lab:</b> Plant Life Cycles - Quiz 5 *Quiz 5 Plant Life Cycles (Attendance) Plant Anatomy Quiz 6: Roots Stems & Leaves, Quiz 7: Flowers, Fruits, Seeds
	<b>WEEK 4 (July 29 - August 4)</b>
<b>Due Thursday August 1</b>	Unit 7 - Animal diversity & Invertebrates *Ch 27 & 28 Quiz (attendance)
<b>Due Sunday August 4</b>	Unit 8 - Animals - Vertebrates  ** Exam 4 -----
<b>Due Friday August 2</b>	<b>Lab:</b> Worms and Parasites (Quiz 8, 9) *Quiz 8 Worms (Attendance) Invertebrate Dissections (Quiz 10: Clams, Quiz 11: Crayfish) Fish, Frog Dissections; Human Evolution (Quiz 12, 13, 14)
	<b>WEEK 5 (August 5 - August 11)</b>
<b>Due Thursday August 8</b>	Unit 9- Animal Behavior *Quiz - Animal Behavior (Attendance)
<b>Due Friday August 9</b>	Unit 10 - Population & Community Ecology Unit 11 - Biodiversity of Ecosystems  ----- <b>Lab:</b> Rat, Cat Dissections (Quiz 15, 16) * Quiz 15: Rat (Attendance) Ecology Predator/Prey Biomes
	<b>WEEK 6 (August 11-13)</b>
<b>Due Tuesday, August 13</b>	<b>**Final Exam – Covers Unit 9, Unit 10, and Unit 11</b>  <i>to be taken online between Sunday, August 11th and Tuesday, August 13 at 11:59 p.m.</i>
<b>Due Tuesday, August 13</b>	<b>Lab:</b> Final Lab Practical (Peril River Watershed Virtual Lab)