

Sul Ross State University- Alpine
General Biology Lab (BIOL 1106) – Syllabus - Fall 2026

Meeting Times in WSB 206:

L04 Thurs 7-8:50 PM

Instructor: Dr. Kelbi Delaune

Email: kxd24xp@sulross.edu

LAB SCHEDULE

WK	Date	Topic
1	Aug 25	No Lab
2	Sep 1	Scientific Method
3	Sep 8	Data Analysis, Presentation, Writing
4	Sep 15	Microscopy and Cells
5	Sep 22	Macromolecules
6	Sep 29	Diffusion and Osmosis
7	Oct 6	Enzymes
8	Oct 13	Open Lab (Instructor will be available)
9	Oct 20	Cellular Respiration and Photosynthesis
10	Oct 27	Nucleic Acids 1
11	Nov 3	Nucleic Acids 2
12	Nov 10	Presentation Workshop
13	Nov 17	Group Presentations- Last Lab

Grading: The course grading will be based on the percentage of points earned relative to the total.

Attendance	10%
Prelab Quizzes (8)	10%
Group Assignments (4)	20%
Individual Assignments (2)	20%
Group Presentations (1)	20%
Research Summary (1)	20%
Total	100%

Scale: 90-100% = A; 80-89% = B; 70-79% = C; 60-69% = D.

Attendance: Attendance is required. You must attend the lab section for which you are registered; you will not receive credit for activities performed in another section unless permission is granted by your lab instructor. There are no make- up labs, except in cases of a university-excused absence. If you have a university-excused absence, you must notify the lab instructor.

Pre-lab Quizzes: Students MUST read the pre-lab materials BEFORE coming to class. There will be pre-lab quizzes on Blackboard that must be completed before lab begins.

Lab Etiquette: No children, food, beverages, tobacco, headphones, or cellular devices. Lab stations must be cleaned after every lab. **Closed-toe shoes and long pants are required to enter the lab space.**

Course Objectives: At the end of the semester, students will:

1. Display a basic knowledge of biology, from the chemical makeup to how it replicates.
2. Know the basic building blocks of biology.
3. Know what constitutes a cell and the differences between different basic cell types.
4. Understand what a living thing is.
5. Understand the basic levels of photosynthesis and respiration in cells.
6. Demonstrate how function and structure are related in biology

Student Learning Outcomes for Biology:

1. Demonstrate an understanding of evolution by natural selection.
2. Demonstrate an integration of environmental awareness into everyday modern life.
3. Understand how to incorporate molecular biology into the study of the whole organism.
4. Demonstrate utilization of various field techniques toward addressing scientific questions in the discipline.
5. Conduct basic laboratory experiments utilizing standard observational strategies.
6. Critical Thinking. Students will develop critical thinking skills to include creative thinking, innovation, inquiry, analysis, evaluation, and synthesis of information.
7. Students will develop communication skills to include effective development, interpretation, and expression of ideas through written, oral, and visual communication.

Marketable Skills

1. Ability to organize, analyze, and interpret data.
2. Proficiency in using presentation software.
3. Experience in managing time and meeting deadlines.
4. Ability to speak effectively and write concisely about scientific topics.
5. Experience in the development of professional email correspondence.

Late Work Policy:

Late work will not be accepted without excused absences unless arranged with the lab instructor promptly.

SRSU Library Services

The Bryan Wildenthal Memorial Library and Archives of the Big Bend in Alpine offers FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library's website, library.sulross.edu. Off-campus access requires logging in with your LoboID and password. Librarians are a tremendous resource for your coursework and can be reached in person, by email (srsulibrary@sulross.edu), or by phone (432-837-8123).

ADA Statement SRSU Accessibility Services:

Sul Ross State University (SRSU) is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the student's responsibility to initiate a request each semester for each class. Students seeking accessibility/accommodations services must contact Mrs. Mary Schwartze Grisham, LPC, SRSU's Accessibility Services Director or Ronnie Harris, LPC, Counselor, at 432-837-8203 or email mschwartz@sulross.edu or ronnie.harris@sulross.edu. Our office is located on the first floor of Ferguson Hall, room 112, and our mailing address is P.O. Box C122, Sul Ross State University, Alpine. Texas, 79832.

Academic Integrity: Students in this class are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. Students should submit work that is their own and avoid the temptation to engage in behaviors that violate academic integrity, such as turning in work as original that was used in whole or part for another course and/or professor; turning in another person's work as one's own; copying from professional works or internet sites without citation; collaborating on a course assignment, examination, or quiz when collaboration is forbidden. Students should also avoid using open AI sources unless permission is expressly given for an assignment or course. Violations of academic integrity can result in failing assignments, failing a class, and/or more serious university consequences. These behaviors also erode the value of college degrees and higher education overall.

Student Responsibilities Statement: All full-time and part-time students are responsible for familiarizing themselves with the Student Handbook and the Undergraduate & Graduate Catalog and for abiding by the University rules and regulations. Additionally, students are

responsible for checking their Sul Ross email as an official form of communication from the university. Every student is expected to obey all federal, state, and local laws and is expected to familiarize him/herself with the requirements of such laws.

SRSU Distance Education Statement: Students enrolled in distance education courses have equal access to the university's academic support services, such as library resources, online databases, and instructional technology support. For more information about accessing these resources, visit the SRSU website. Students should correspond using Sul Ross email accounts and submit online assignments through Blackboard, which requires a secure login. Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies about academic honesty and appropriate student conduct, as described in the student handbook. Students in web-based courses must maintain appropriate equipment and software, according to the needs and requirements of the course, as outlined on the SRSU website. Directions for filing a student complaint are in the student handbook.

Classroom Climate of Respect: Importantly, this class will foster free expression, critical investigation, and the open discussion of ideas. This means that all of us must help create and sustain an atmosphere of tolerance, civility, and respect for the viewpoints of others. Similarly, we must all learn how to probe, oppose and disagree without resorting to tactics of intimidation, harassment, or personal attack. No one is entitled to harass, belittle, or discriminate against another based on race, religion, ethnicity, age, gender, national origin, or sexual preference. Still, we will not be silenced by the difficulty of fruitfully discussing politically sensitive issues.

Supportive Statement: I aim to create a learning environment that supports diverse perspectives and experiences for my students. I understand that the recent pandemic, economic disparity, health concerns, or even unexpected life events may impact the conditions necessary for you to succeed. My commitment is to be there for you and help you meet the learning objectives of this course. I do this to demonstrate my commitment to you and to the mission of Sul Ross State University, which is to create a supportive environment and care for the whole student as part of the Sul Ross Familia. If you feel like your performance in the class is being impacted by your experiences outside of class, please don't hesitate to come and talk with me. I want to be a resource for you.