

## GENERAL BIOLOGY 1 LAB (BIOL 1111) – SYLLABUS – FALL 2020

**Lab Instructors:** Eli Duarte  
Isabella Mooney

**email:** epd15rg@sulross.edu  
ixm13et@sulross.edu

**Office:** WSB 214

**Phone:** Eli: 432-290-5736 (text only)  
Isabella: 915-757-3038 (text only)

**Text:** N/A

### Tentative Schedule:

Aug 25	NO LAB
Sept 1	Lab 1: Microscopy and Measurements
Sept 8	Lab 2: Macromolecules (Quiz #1)
Sept 15	Lab 3: Cells (Quiz #2)
Sept 22	Lab 4: Plant Tissues (Quiz #3)
Sept 29	Lab 5: Animals Tissues(Quiz #4)
Oct 6	LAB PRACTICAL (ASSIGNED TIMES)
Oct 13	Lab 6: DNA (Quiz #5)
Oct 20	Lab 7: Mitosis and Meiosis (Quiz #6)
Oct 27	Lab 8: Glycolysis (Quiz #7)
Nov 3	Lab 9: Cellular Respiration (Quiz #8)
Nov 10	Lab 10: Photosynthesis (Quiz #9)
Nov 13	LAST DAY TO DROP WITH A W
Nov 17	FINAL EXAM
Nov 24	THANKSGIVING BREAK (NO LABS)
Dec 1	NO LABS
Dec 8	NO LABS

**Grading:** The final grade is determined by the total points gained by the total points possible and the scale below. There will be no deviation from this scale:

Grading Scale (percent of total points): A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 59 and lower.

- Two Practical Exams @ 50 points each = 100 points
- Quizzes 100 pts
- Total 200 pts

**Attendance:** Attendance is highly recommended to do well in this course. Labs cannot be repeated after the last section on Thursday. If it's necessary to attend another section, please contact your instructor before lab to ensure space is available. Practical Exams must be taken on their scheduled dates with very few exceptions.

**Labs meet every week in WSB 204 and 206:** Lab 1: Tues 1-2:50; Lab 2: Tues 3-4:50

**Rules:** MASKS AND GLOVES MUST BE WORN AT ALL TIMES; NO CHILDREN; NO CHEATING (UNIVERSITY POLICY); NO FOOD OR BEVERAGES; NO TOBACCO; NO HEADPHONES; NO FEET ON THE FURNITURE; NO CELLPHONES; NO EXTRA TIME FOR EXAMS IF YOU ARE LATE.

## STUDENT LEARNING OUTCOMES:

- The student will be able to demonstrate an understanding of basic biological concepts, including but not limited to evolution via natural selection, cell theory, and the role and function of DNA.
- The student will be able to demonstrate utilization of various field techniques toward addressing scientific questions in the specific discipline. These field techniques can include, but are not limited to, plant collection and processing, various animal collection techniques, ecological surveying and sampling, and biodiversity indexing.
- The student will be able to use biological instrumentation to solve biological problems using standard observational strategies.
- The student will develop writing skills by summarizing and critiquing recent relevant biological literature.

## MARKETABLE SKILLS:

1. Students will be able to organize, analyze, and interpret data.
2. Students will be proficient at using presentation software.
3. Students will acquire experience in managing time and meeting deadlines.
4. Students will gain the ability to speak effectively and write concisely about scientific topics.
5. Students will acquire experience and guidance in the development of professional email correspondence.

## SRSU Library Services

The Sul Ross Library 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](http://library.sulross.edu). Off-campus access requires your LoboID and password. Check out materials using your photo ID. Librarians are a tremendous resource for your coursework and can be reached in person, by email ([srsulibrary@sulross.edu](mailto:srsulibrary@sulross.edu)), or phone (432-837-8123).

## SRSU Disability Services:

**ADA (Americans with Disabilities Act)** Sul Ross State University (SRSU) is committed to equal access in compliance with 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 Rebecca Greathouse Wren, LPC-S, SRSU's Accessibility Services Coordinator at 432-837-8203 (please leave a message and we'll get back to you as soon as we can during working hours), or email [rebecca.wren@sulross.edu](mailto:rebecca.wren@sulross.edu). Our office is located on the first floor of Ferguson Hall (Suite 112), and our mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas, 79832

**ACADEMIC HONESTY:** The University expects all students to engage in all academic pursuits in a manner that is beyond reproach and to maintain complete honesty and integrity in the academic experiences both in and out of their classroom. The University may initiate disciplinary proceeding against a student accused of any form of academic dishonesty, including but not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials. "Cheating" includes 1. Copying from another student's test paper, laboratory report, other report, or computer files, data, listings, and/or programs, or allowing another student to copy from same. 2. Using, during a test, materials not authorized by the person giving the test. 3. Collaborating, without authorization, using, buying, selling, stealing, transporting, soliciting, copying, or possessing, in whole or in part, the contents of a non-administered test. 5. Substituting for another student; permitting any other person, or otherwise assisting any other person to substitute for oneself or for another student in the taking of an examination or test or the preparation of academic work to be submitted for academic credit. 6. Bribing another person to obtain a non-administered test or information about a non-administered test. 7. Purchasing, or otherwise acquiring and submitting as one's own work any research paper or other writing assignment prepared by an individual or firm. This section does not apply to the typing of a rough and/or final version of an assignment by a professional typist. 8. "Plagiarism" means the appropriation and the unacknowledged incorporation of another's work or idea in one's own written work offered for credit. 9. "Collusion" means the unauthorized collaboration with another person in preparing written work offered for credit. 10. "Abuse of resource materials" means the mutilation, destruction, concealment, theft or alteration of materials provided to assist students in the mastery of course materials. 11. "Academic work" means the preparation of an essay dissertation, thesis, report, problem, assignment, or other project that the student submits as a course requirement or for a grade. 12. "Falsification of Data" means the representation, claim, or use of research, data, statistics, records, files, results, or information that is falsified, fabricated, fraudulently altered, or otherwise misappropriated or misrepresented. All academic dishonesty cases may be first considered and reviewed by the faculty member. If the faculty member believes that an academic penalty is necessary, he/she may assign a penalty but must notify the student of his/her right to appeal to the department chair, the dean and eventually, to the Provost and Vice President for Academic and Student Affairs before imposition of the penalty. At each step in the process, the student shall be entitled to written notice of the offence and/or of the administrative decision, an opportunity to respond, and an impartial disposition as to the merits of his/her case. The decision of the Provost and Vice President for Academic and Student Affairs shall be final.

## Fall 2020 In-Person Classroom Protocols (Subject to Change)

- 1) **Masks:** **Face coverings are required indoors and outdoors on SHSU campuses** unless you are in a private space or are engaged in an activity for which wearing a covering is impractical. In this class, if a student refuses to wear a mask/wear a mask properly, class will be cancelled, and according to SHSU policy, I will be forced to report the student to the Dean of Students office. Please note that a face mask that has an exhalation valve or vent is not acceptable. <https://www.shsu.edu/katsafe/face-coverings#2d0290a3-7bfe-4a69-9bab-14fb494c332b>
  - 2) **Assigned Seating:** There will be an **assigned seating chart for each group** to encourage social distancing.
  - 3) **Disinfection of Classroom Surfaces:** Each person should disinfect their space at the beginning and end of each class meeting. The university has provided disinfectant wipes in our classroom. When you enter the classroom, please take a wipe and use it to clean your space before settling in. If possible, please keep that wipe to use again to clean your space before you leave. Although, SHSU will provide access to hand sanitizer at the entrances to classroom buildings, I encourage you to also carry your own sanitizer with you in public.
  - 4) **Orderly Dismissal:** When class is over, **I will dismiss students row by row**, starting with the row closest to the exit. Each day, I will end class a little early so that you have enough time to wipe down your desk and wait to be dismissed by row.
  - 5) **Food & Drinks:** There will be **no eating or drinking in the classroom**. If you need to take a sip of your drink during class time, you may leave the room to do so.
  - 6) **Paperwork:** In order to maintain social distancing and reduce the transmission of germs via paper, **all paperwork requiring faculty signatures should be sent as digital documents via email**, e.g., athletic schedules, doctor's notes, SSD forms, etc. I will not pass out any papers to students and I will not accept any papers from students.
  - 7) **Limited in-class interaction:** We will do our absolute best to maintain social distancing in the classroom. Please stay 6 feet away from my desk. I will be happy to answer general questions during class time, but I recommend that you address personal questions virtually.
  - 8) **No in-person office hours.** My office is not large enough to accommodate the CDC's recommendations for social distancing; therefore, all office hours will be held virtually.
  - 9) **Travel:** *If you have travelled internationally*, you are required to self-quarantine for 14 days upon your return. *If you have travelled locally or out of state*, you are required to self-quarantine for 14 days only if the local destination or state you traveled to is under a CDC COVID-19 travel advisory. <https://www.shsu.edu/katsafe/restart2020/faq#b73e7b75-e764-44b3-a404-66f4d498f0f6>
  - 10) **Illness:** Students who are experiencing COVID-19 symptoms, have been diagnosed with COVID-19, or have been in close contact with a person who has been diagnosed with COVID-19, PLEASE DO NOT COME TO IN-PERSON SESSIONS. <https://www.shsu.edu/katsafe/covid-19-protocols>
- If you have tested positive for COVID-19*, please self-report via the "Restart 2020" SHSU web page. Go to <https://www.shsu.edu/katsafe/restart2020/> and click on the link on the right titled "Report Your Positive Case" (alternatively, you may contact Erica Bumpurs directly at [stdemb17@shsu.edu](mailto:stdemb17@shsu.edu)).

Students who are symptomatic or who have had known exposure to COVID-19 may be tested at the Student Health Center.