

Course Description

Grades: 10-12

Prerequisite: Pass Earth Science or Agriculture Earth Science with a B or better. Must be currently enrolled in Interated Math 1 or above. Freshmen may enroll in Biology with written permission from their 8th grade science instructor.

The student will explore the basics of life on earth from a cellular level to a study of complex living systems. Topics covered include: cell physiology, metabolism, photosynthesis, genetics, evolution, plant and animal taxonomy, plant and animal physiology, and ecology. Laboratory work, including dissections, will be an intricate part of the course. This is a college preparatory class that meets Sutter High's science requirement. This course meets at least one of the California State University and University of California "A-G" requirements.

Course Objectives

Biology is a general science class dealing with the study of living things. This yearlong laboratory course covers important aspects and principles of cell structure and function, genetics, evolution, organic diversity, ecology, physiology and botany.

Contact Me

Mrs. Ernst

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<https://www.sutterhuskies.com/>

Grade Weighting

Category	Weight
Quiz	25 %
Test, Research Paper, Binders	35 %
Assignments	5 %
Lab	25 %
Attendance	10 %

*Official grade will be posted in Aeries.



Biology Syllabus

Sutter Union High School



“All our dreams can come true, if we have the courage to pursue them.” – Walt Disney.

Hints for Success

- * Always take notes. There is too much material to catch up on if you get too far behind.
 - *Get notes from Mrs. Ernst or a classmate if you are absent.
- *Watch the videos, study vocabulary words, read the chapters, and use the helpful links on website.
- *Try not to miss labs they are difficult to make up.
- * Improve your test taking skills.
- *Pay attention during lecture and review.
- * Have a good attitude, work hard, and you will learn a lot and have fun!



Units Covered:

Fall Semester:

- Unit 1: The Study of Life
- Unit 2: The Cell
- Unit 3: Genetics
- Unit 4: History and Biological Diversity

Spring Semester:

- Unit 5: The Diversity of Life
- Unit 6: Ecology
- Unit 7: The Human Body

Student Expectations

The course requires commitment and daily effort as in the traditional classroom setting. Students are expected to:

- Come to class prepared with binder, textbook, pen and paper.
- Not talk while the teacher and/or classmates are talking.
- Conduct themselves according to classroom and safety rules during labs.
- Follow ALL classroom expectations including being in their assigned seat when the bell rings, not leaving class until dismissed by the teacher, and not consuming food and beverages during class (with the exception of water).

Rules and Work Policy

- Work will be distributed daily and is expected to be completed by the designated due date.
- **Late homework and daily assignments will not be accepted and will receive a grade of zero.**
 - **Lab reports and projects will receive a 10% deduction for each overdue day.**
- If a student is absent they will have an equal number of days to make up works as days missed.
- If student is absent for a test or quiz, but present for the test/quiz review they will take the test when they return to class, unless prior arrangements are made.
- Any form of plagiarism or cheating will result in 0 points for the assignment. This includes giving someone else your work or using someone's work.
- Detentions will be before school, after school, or during lunch.

Teacher Communication

Daily agendas will be posted at the beginning of class each day. You will also be communicated with regularly through class time and Google Classroom announcements. You will participate with classmates through in class discussions, lab activities, projects, and assignments. Communication is used best to collaborate about questions, projects, and develop content related skills both in and out of the classroom.