

Biology 1 Honors

Course Guidelines and Safety Contract



Mrs Amy Ancheta

Email: amy_ancheta@baldwin.k12..hi.us

Phone: (808) 727-3200

Description & Timeline: This course is intended to provide general knowledge and principles of biology. The content is divided into five major topics/units according to Next Generation Science Standards (NGSS) goo.gl/A4yXdw:

Unit 1: Structure and Function (Quarter 1)

- HS-LS1-2 & HS-LS1-3 + Middle school life science standards

Unit 2: Matter and Energy in Organisms and Ecosystems (Quarter 2)

- HS-LS1-5, HS-LS1-6, HS-LS1-7, HS-LS2-3, and HS-LS2-4

Unit 3: Inheritance and Variation of Traits (Quarter 2 & 3)

- **HS-LS1-1**, HS-LS1-4, HS-LS3-1, HS-LS3-2, and HS-LS3-3.

Unit 4: Natural Selection and Evolution (Quarter 3)

- HS-LS4-1, HS-LS4-2, HS-LS4-3, HS-LS4-4, and HS-LS4-5.

Unit 5: Interdependent Relationships in Ecosystems (Quarter 4)

- HS-LS2-1, HS-LS2-2, **HS-LS2-4**, HS-LS2-6, HS-LS2-7, HS-LS2-8, HS-LS4-6.

Moreover, throughout both terms students will continue to learn skills necessary to engage in scientific investigation/inquiry, Science and Engineering Practices. Note that all honors biology students are required to compete in the school level science fair in early December.

Mode of Delivery: Current method for content delivery can change quickly. Please be ready to adjust and to be flexible. Current plan is in-person learning.

Attendance: You will be expected to be in class daily. If you are not able to attend class for any reason (i.e. health or family issues), please let me know as soon as possible. All BHS (Baldwin High School) Attendance Policy followed.

Communication: It is imperative to keep alert with what is going on in your class as situations around us change constantly. You are highly encouraged to check your Baldwin email and Google Classroom announcements daily. In addition, please check the calendar and resource materials on the class website to enhance your learning experience.

<https://mrsancheta.weebly.com/>

Please email me when you have any questions or concerns. If you are having any technology issues, it is imperative that you contact the school immediately so your learning is not impaired **(808) 727-3200**. Remember we are here to help you.

Supplies: Binder (to keep all materials from class), two notebooks (one for keeping note - Biology Interactive Notebook or BiN, and another for laboratory work), paper towel, and disinfectant wipes.

Schoolwide Initiatives & DOE Health/Safety Guidance

Baldwin High School continues to prioritize the following initiatives for SY 2022-2023:

General Learner Outcomes (GLOs): GLOs are the overarching goals in all grade levels in Hawaii - “going beyond academic achievement to ensure students become engaged, lifelong learners.” GLOs will be addressed throughout the year explicitly through pre/post self assessment as well as goal setting/reflection activity each quarter.

- Self-directed Learner (The ability to be responsible for one's own learning)
- Community Contributor (The understanding that it is essential for human beings to work together)
- Complex Thinker (The ability to demonstrate critical thinking and problem solving)
- Quality Producer (The ability to recognize and produce quality performance and quality products)
- Effective Communicator (The ability to communicate effectively)
- Effective and Ethical User of Technology (The ability to use a variety of technologies effectively and ethically)

Nā Hopena A‘o (HĀ) - In alignment with GLOs and classroom expectations, Nā Hopena A‘o values, modeled after the six outcomes of HĀ: Belonging, Responsibility, Excellence, Aloha, Total Well-being, and Hawai‘i will help students develop social emotional skills that are grounded in Hawaii’s unique culture and place. Students need both social and emotional learning (SEL) skills as well as the academic mindset to succeed in college, career, and community locally and globally. These SEL skills will help students draw strength and stability throughout the school and beyond. This year, our class will focus on Pilina, strengthening the sense of Belonging through activities such as “aloha circle” and outdoor “kilo” activities.



Student Voice - In a learning environment, the best way to engage is to foster everyone’s voice and aspirations to bring out the full potential of all the stakeholders. Student voice and aspiration guides learning and achievement in this class as it is evident in self-reflections, assessments, and classroom culture, and students work. Student voice will drive instruction (i.e. mode of learning). After each quarter, using the student survey data, instruction is adjusted to best meet the needs of the students in class.

Office Hours - Students are welcome to attend office hours in my classroom Tuesdays and Wednesdays from 2:10 to 2:50 PM. I am in my classroom unless there is a meeting scheduled.

Best practices for Face-to-Face learning:

Please refer to policy [COVID-19 Health and Safety Guidance for School Year 2022-23](#) as well as the local government safety guidelines: Facial coverings are optional. However, note that wearing a well-fitting mask consistently and correctly reduces the spread of COVID-19 and other respiratory pathogens. Masks are highly effective and inexpensive tools to protect yourself and others.

- Indoor masking is strongly encouraged (but not required) in the following situations: ○ COVID-19 Community Levels are medium or high; ○ Following exposure to someone who tested positive; and ○ For 5 days following travel.
- Individuals who have been diagnosed with or tested positive for COVID-19 must wear a well-fitting mask indoors on days 6 to 10 after completing home isolation. If someone is unable or unwilling to wear a mask indoors and is tested positive with COVID-19, they must remain in isolation for 10 days, regardless of vaccination status.

General Class Rules & Norm:

Classroom Norm: Safety First, Active Listening, Engage in Learning, Equity of Voice (posted).

Entering Classroom Procedure - Hats off, Sunglasses off, spit out gum, all electronics off & put away when not using for learning, turn in forms to INBOX if needed, and be seated at the bell to start work.

Grade checks/notes from home/other forms

Please submit it in the class in the “INBOX” tray. I will sign and return it to you in the “OUTBOX” tray.

Make-Up/Late/Redo Assignment Procedure

If you were absent, please check your class calendar on the *website*. You may check *Infinite Campus* for missing assignments as well. No late work/make-up will be accepted after the Unit Exam has been taken except in special circumstances.

Extra Help: Other than office hours, extra help is available both online and offline upon request. This can be a study session for a group of you or can be an individual help. Saturday help is also available upon request and availability via Google Meet. Please sign up with the teacher via email.

Resources: Text: Campbell Essential Biology with Physiology 3rd edition by Simon, Reece, Dickey published by Benjamin Cummings 2010

Evaluation/Assessment:

Your progress in the class will be posted on Infinite campus weekly. Please check regularly to make sure there are no errors.

Class Format: Class Format: Daily classwork, homework, reading assignments, and quizzes. Laboratory exercise to reinforce the concepts, take-home review exercises, exams. Research paper/project is required for all students.

Below is a guideline of evaluation/assessment distribution:

Grading *

- A. Formative Assessment - 60%
 - Class Work 10%
 - Homework 10%
 - Quiz 20%
 - Laboratory Write Up 20%
- B. Summative Assessments - 40%
 - Unit Test 20%
 - Midterm/Final exam
(comprehensive – 2nd & 4th quarters respectively)
 - Projects (including science fair) 20%

Letter grade will be assigned according to the following % guidelines.

A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	0% - 59%

To promote success, students are encouraged to re-do their formative assessments for full marks, however, no late work and no redone work will be accepted after the end of unit exams. No unit tests or midterm/final exams or projects can be retaken/redone because these are considered summative assessments. Each quarter will be weighted equally to calculate the semester grade and year grade.

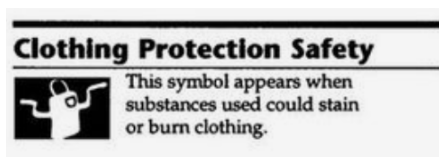
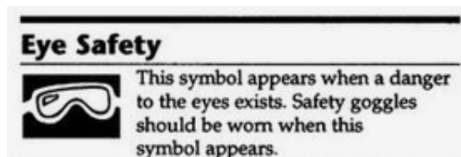
*Students with documented modified grading plans in individualized Education Plan (IEP) will be graded according to the IEP.

Lab Safety Contract

Please read the following carefully. All students are expected to follow these rules. This is to ensure student safety. If a student is not following the rule, he/she will be removed from the laboratory activity.

1. I will act responsibly at all times in the laboratory.
2. I will not HORSEPLAY or be off task in the laboratory.
3. I will follow all instructions about laboratory procedures given by the teacher, or pre-lab, because failure to do so could endanger myself and others.
4. I will leave my lab area as I found it, cleaning up after myself.
5. I will wear my safety goggles and follow safety protocols.
6. I know where the fire safety equipment is located in the lab and have been trained in its use.
7. I will immediately notify the teacher of any emergency.
8. I will tie back long hair, remove jewelry (including id), and wear proper shoes while in the lab.
9. I will never work alone in the lab, unless instructed to do so.
10. I will not take chemicals, equipment, or dissected parts from the lab without permission.
11. I will NEVER eat or drink in the lab unless instructed to do so by the teacher.
12. I will treat all lining or preserved specimens carefully and ethically, and as if they are dangerous.
13. I will only handle living or preserved specimens when authorized to do so by the teacher.
14. I will not enter or work in the storage room unless authorized to do so by the teacher.
15. I will keep a copy of this contract as a reference in my quadrille.
16. Failure to follow any of these procedures may result in my immediate removal from the lab, for a time to be determined appropriate by the instructor. In the interim I will be provided with alternative assignments to complete as necessary.

Common Safety symbol:



Common Lab Equipment (draw & Label them below):

Letter to parents:

Aloha,

Welcome to another school year! I look forward to an exciting academic year with your child in my class. I believe that each child is special and together, we all can work cooperatively and collaboratively for your child's best achievement.

Attached are the course description, class requirements, grading policy, safety contract, and other guidelines to assist your child to have the best learning environment possible. Please take a few minutes to read the information, which has been shared with your child. Should you have any questions or concerns, please call me at school, 727-3200 or email me at amy_ancheta@baldwin.k12.hi.us.

Please sign and return this form to school.

Mahalo Nui Loa,
Mrs. Ancheta

Your Child's Name (print): _____ **Date** _____

I have read, understood, and agreed to the course description, requirements, grading policy, and other guidelines outlined in the course syllabus.

Student Signature

I have read and agreed to the course description, requirements, grading policy, and other guidelines outlined in the course syllabus. I will contact the teacher should there be any questions or concerns.

Parent/Guardian Signature

If there is any information that you would like to share with me about your child, please email me. Or you can write below.