

**MVLA  
2024-25  
COURSE INFORMATION SHEET**

**Course Title: AP Environmental Science**

**School: Los Altos High School**

**UC/CSU requirement: Lab Science/AP, 10 units**

**Textbook and/or other learning resources: *Friedland and Relyea Environmental Science for AP® Third Edition*, [AP Classroom - College Board, Albert](#)**

**Course Description/Student Learning Outcomes:**

From the AP College Board Course and Exam Description: The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, Grading categories and their percentage weights: biology, environmental studies, environmental science, chemistry, and geography.

**Course Outline/Units of Study/[CTE Industry Standards](#)(If applicable to your course):**

The course starts with an introductory unit on climate change and then follows the [AP College Board Framework](#).

Units of Study:

Unit 0: Climate Change

Unit 1: The Living World: Ecosystems

Unit 2: The Living World: Biodiversity

Unit 3: Populations

Unit 4: Earth Systems and Resources

Unit 5: Land and Water Use

Unit 6: Energy Resources and Consumption

Unit 7: Atmospheric Pollution

Unit 8: Aquatic and Terrestrial Pollution

Unit 9: Global Change

**Assessment and Grading ([BP 5121](#) / [AR 5121](#)):** To ensure that every student has an equal opportunity to demonstrate their learning, the course instructors implement aligned grading practices and common assessments with the same frequency.

1. Achievement evidence collected within each grading category:  
Exams: Unit tests will be given at the end of each unit. Lab notebook quizzes will be given once per quarter and students can use their lab notebook on the quiz. Final exams are comprehensive and will be given at the end of each semester.  
Assignments: Homework and classwork will vary and will include labs, case studies, projects, simulations, notes, study guides, practice questions (AP Classroom and Albert), progress checks and research.
  - a. 50%: Exams (unit tests, quizzes and final exams)
  - b. 50%: Assignments
2. Grading scales: A = 100%-90%    B = 89%-80%    C = 79%-70%    D = 69%-60%    F = 59% and below
3. Homework/outside of class practices ([AR 6154](#)): Students in AP courses should spend 4-5 hours per week outside of class studying, reading and working on homework assignments, lab reports, and practice problems.
4. Excused absence make-up practices ([Education Code 48205\(b\)](#)): Students are responsible for finding out what

they missed (see Canvas/Google Classroom or contact your teacher) and for making arrangements to make up labs and tests. Labs and tests must be made up within one week of the absence during ACT or by appointment. Students will have the same number of days that they are absent to submit assignments.

5. ts. If a student does not make up a lab within one week, they will receive the late work penalty on the lab report.
6. Academic integrity violation practices ([LAHS Academic Integrity Policy](#) / [MVHS Academic Integrity Policy](#)): Violations of academic integrity will be dealt with in a manner consistent with the LAHS Academic Integrity Policy. Students caught violating the policy will earn a score of zero on the assessment and will not have an opportunity to redo the assessment. The violation will also be reported to the student's assistant principal. Examples of violations include but are not limited to: copying another student's work and submitting it as your own, using AI to complete your work, copying and pasting information directly from the internet, looking up information and answers during exams, copying exam answers, and discussing exam questions and/or answers with others. When working with lab partners or groups, only data may be shared. All other parts of the lab (tables, graphs, conclusions, etc.) must be original. If a student submits work that is not original, it will be considered a violation of the academic integrity policy and the consequences discussed above will apply.
7. Late work practices: Late assignments must be submitted by the end of the unit, which is the day of the unit exam. Late assignments submitted within one week of the due date will be penalized by a 20% reduction. After one week, the late penalty increases to 50% up until the end of the unit. After the unit exam, assignments from the unit will not be accepted. Students may submit a maximum of two late assignments per unit.
8. Revision practices: Revisions and retakes are usually not an option. There may be some exceptions on a case by case basis.
9. Extra credit practices: There is no extra credit available.
10. Additional grading practices:
11. LMS Used:  
Mr. Stoehr - Google Classroom  
Ms. Laederich - Canvas

**Instructors' email addresses:**

Mr. Stoehr	<a href="mailto:greg.stoehr@mvla.net">greg.stoehr@mvla.net</a>
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**Additional information:**