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# AP ENVIRONMENTAL SCIENCE SC214

**Mr. Dan Shannon**

# AP ENVIRONMENTAL SCIENCE

## Course Information:

APES is an Advanced Placement Science Elective offered to **sophomores or juniors** as a full year course.

To be eligible for this class, students must have scored:

a. 85% or higher in Honors Biology or permission of the instructor

Or

b. 90% or higher in CPI Biology or permission of the instructor

Signing Up for this course **requires** you to take the AP exam in the Spring. Failure to do so, will forfeit your AP credit, and your weight on your transcript for the course



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# AP ENVIRONMENTAL SCIENCE

**Major Topics of Study:**

**Ecology**

**Population Issues**

**Water Issues**

**Toxicity, Pesticides, and Agriculture**

**Atmospheric Issues**

**Resources and Energy**

**Biodiversity, Politics, and Economics**



# AP ENVIRONMENTAL SCIENCE

AP Environmental Science is an intensive examination of our environment, and analysis of the threats posed to it by the attitudes of individuals, societies, economics, and politics, and a clear look at the solutions employed to dispel these threats.

This course is taught in both the project based and seminar method, with multiple presenters and multiple points of view. Student creativity, thoughtfulness, and logic is our ultimate goal as we work to understand the complexities of the problems we face.



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# AP ENVIRONMENTAL SCIENCE

## Academic Requirements:

1. There will be homework every night.
2. Students regularly collaborate (or work independently) on projects
3. We use a textbook as well as outside readings to embellish the ideas learned in class.
4. We usually have a field trip once a quarter.



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# AP ENVIRONMENTAL SCIENCE

After having taken the APES course, a student has the preparation to enter a variety of arenas of study.

Law, Politics, and International Studies

Engineering , Architecture and Design

Business

Medicine and Biological Sciences

Meteorology and Climate Studies

Energy, Resource Management, and Geology

Sociology and Research



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