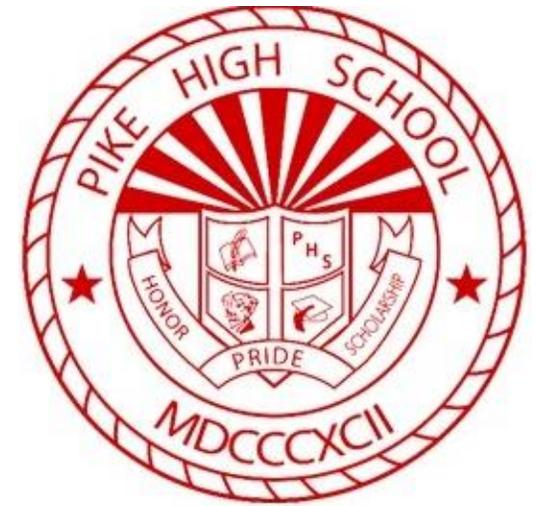


Who Should Take AP Environmental Science?

Students who are interested in a career in science, especially life or who want to explore and investigate the interrelationships of the natural world, identify and analyze environmental problems, both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them.



Pike High School
5401 W 71st St.
Indianapolis, IN



AP Environmental Science

Christina Mitchell
Teacher



SUCCESSFUL AP Environmental STUDENTS:

- are self-motivated workers
- are willing to spend the time for success
- have completed two years of high school laboratory science — one year of life science and one year of physical science
- have completed (or are currently in) chemistry
- have good communication skills
- have a natural curiosity for the living world around them

What is AP Environmental Science?

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of 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, biology, environmental studies, environmental science, chemistry, and geography.

Course Content

Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. There are several unifying themes that cut across topics. The following are course themes:

- Science is a process.
- Energy conversions underlie all ecological processes.
- The Earth itself is one interconnected system.
- Humans alter natural systems.
- Environmental problems have a cultural and social context.
- Human survival depends on developing practices that will achieve sustainable systems.

Topic Outline

- I. Earth Systems and Resources
- II. The Living World
- III. Population
- IV. Land and Water Use
- V. Energy Resources and Consumption
- VI. Pollution
- VII. Global Change

Contact Us

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