



# Energy, Environment & Utilities

## AP Environmental Science

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationship of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The following themes provide a foundation for the structure of the AP Environmental Science course:

- 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 culture and social context
- Human survival depends on developing practices that will achieve sustainable systems

**Course Length:**  
1 Year/1Period  
**High School Credits:** 10



### For Students Interested In ...

Exploring and investigating the interrelationships of the natural world, analyzing environmental problems, and taking part in laboratory investigations and field work.

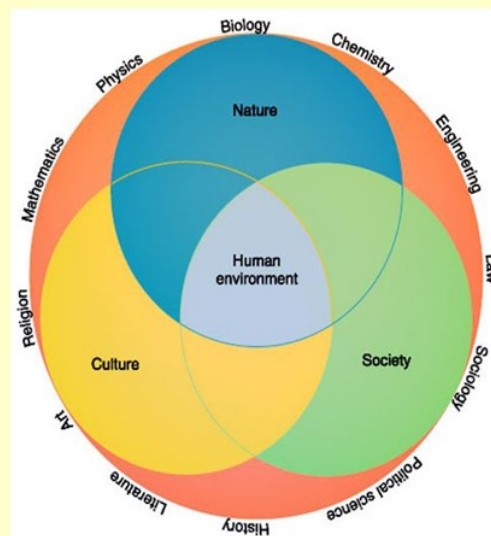
“When the winds of change blow, some people build walls while others build windmills”

### Our Classes



[www.tvrop.org](http://www.tvrop.org)

### Environmental Science



**Environment** is the circumstances and conditions that surround organism(s) as well as the complex of social & cultural conditions that affect an individual or community;

**Environmental science** is the systematic study of our environment and our place in it.

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## AP Environmental Science



*UC a-g eligible*



**Tri-Valley Regional Occupational Program**

*“Careers by Choice, Not by Chance”*