

# Advanced Placement Environmental Science

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# 01



## INTRODUCTION

What is Environmental  
Science?



...

**The relationships and interactions among Earth systems and populations.**



# 3 Major Goals



**#1**    • • •

To learn how nature works.

**#2**    • • •

To understand how we interact with the environment.

**#3**    • • •

To find ways to address environmental problems and embrace sustainability.

# BIG IDEAS throughout the Course



## Energy Transfer

How does energy flow through ecosystems?



## Interactions between Different Species and the Environment

How do organisms affect the environments they are in?



## Interactions between Earth Systems

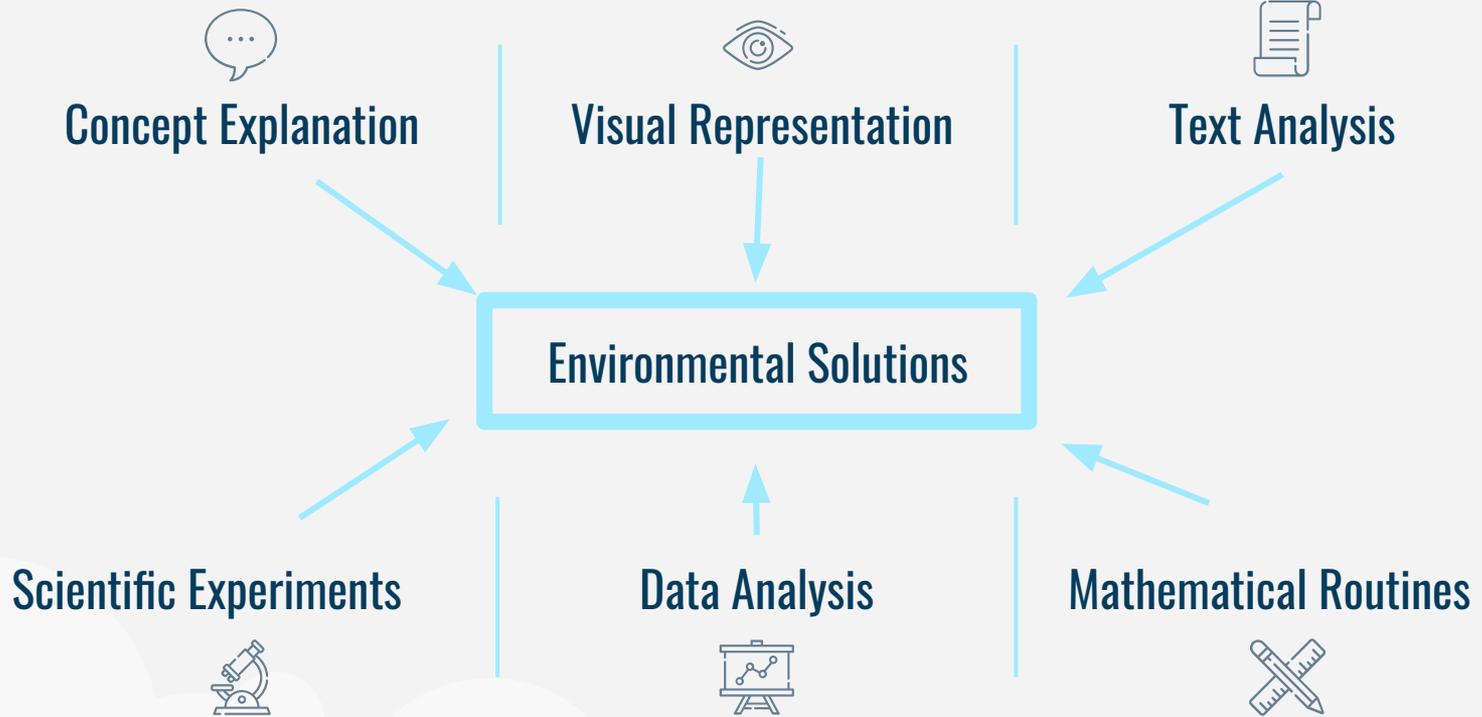
How can we make connections among biogeochemical systems?

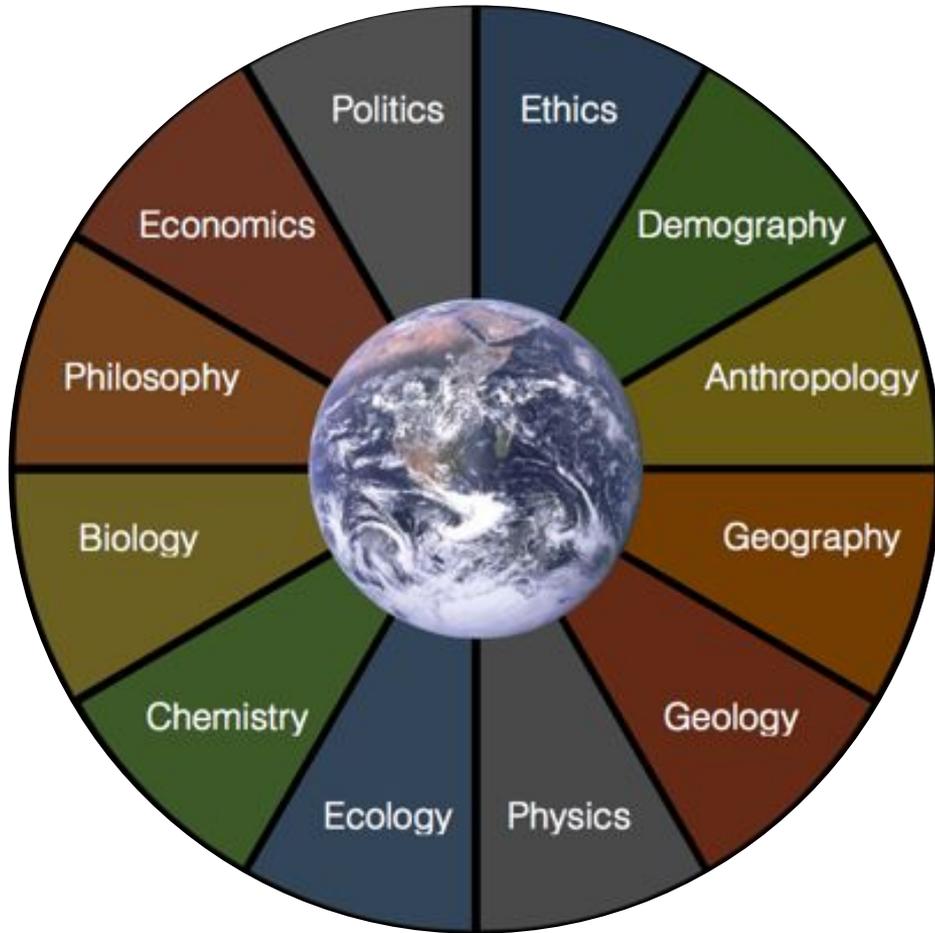


## Sustainability

How can we create sustainable and practical environmental solutions?

# SCIENCE PRACTICES





## RELATED FIELDS



# 02

...

## EXPECTATIONS

What can you expect in the course?



# WHAT YOU SHOULD KNOW

## CONTENT

College-level coursework;  
assumed that you have  
mastered biology and  
chemistry content



## MOTIVATION

Take responsibility for your  
own learning; be organized;  
ask questions!

## PACE

Fast paced; time  
management is important



## FORMAT

- Discussions/guided inquiry
- Collaborative group work
- Laboratory investigations



# 03

## YEAR OVERVIEW

What does a year in AP  
Environmental Science look  
like?



# Be prepared to:

## FIELDWORK

... go outside  
for some labs.

## CLASS DISCUSSIONS

... communicate  
effectively in  
written and  
verbal formats.

## LABORATORY

... complete  
short and long  
laboratory  
activities and  
simulations.





# 04



## FAQ

What is a common concern?



# MOST FREQUENTLY ASKED QUESTION



Q: IS THIS CLASS EASY?

Environmental Science is often called the “easy AP.”



A: IT DEPENDS

As with any AP class, the time you are willing to devote to the material will determine whether or not you will find this course difficult.



# QUESTIONS?



# Thanks!



If you realize later there is  
something you wanted to know,  
feel free to send me an email

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