

# Academy for Environmental Science



LOCATED AT JEFFERSON HIGH SCHOOL, The Academy for Environmental Science provides students with the interdisciplinary study of natural processes and human impacts in the atmosphere, aquatic systems, and soils. The academy program of study links the principles of art, history, language arts, technology, biology, chemistry, physics and mathematics to environmental concepts.

## ***FRESHMAN YEAR STUDIES INCLUDE***

- Introduction to Environmental Systems
- Honors Biology
- Academy Honors English
- Honors Algebra 1 OR Honors Geometry
- Academy Honors World History

## ***SOPHOMORE YEAR STUDIES INCLUDE***

- Environmental Research Design (semester)
- Introduction to Ecological Design (semester)
- Honors Geometry OR Honors Algebra II
- Honors Chemistry
- Academy Honors English
- Academy Honors U.S. History I

## ***JUNIOR YEAR STUDIES INCLUDE***

- Climate Change Biology OR Environmental Engineering
- Human Ecology (semester)
- Natural Resource Policy & Management (semester)
- Academy Honors English
- AP Physics I
- Honors Algebra II OR Honors Pre-Calculus
- Academy Honors U.S. History II

## ***SENIOR YEAR STUDIES INCLUDE***

- **College Option:** Providing students meet the academic criteria, they may attend County College of Morris, Ramapo College or Kean University for all academic and occupational courses and earn up to 22 credits, paid for by Morris County Vocational School District
- **Continue at Jefferson High School** for advanced courses/projects including:
  - Research & Field Work in Environmental Science
  - Global Issues in Environmental Sustainability
- **STRUCTURED LEARNING EXPERIENCE (SLE):** Required 120 hour Internship

*STUDENTS WHO GRADUATE FROM THIS PROGRAM may continue post-secondary studies in Environmental Studies for careers in resource management, business, non-profits, law, conservation, or education.*

**ALL INQUIRIES PERTAINING TO PRE-ADMISSION SHOULD BE SUBMITTED TO**  
**Gina DiDomenico, Student Recruitment & Community Relations**  
**Email:** didomenicog@mcvts.org - **Phone:** 973-627-4600 ext. 277