

Environmental, Agriculture & Natural Resources Cluster



Environmental Studies/Natural Resources Program

PROGRAM OF STUDY OVERVIEW:

The Environmental Studies /Natural Resources Program covers environmental, agricultural and regional environmental problems and issues in natural resource management. Students will be introduced to a variety of technologies and techniques related to environmental research, including remote sensing, ecological monitoring, and analytic testing. This program also emphasizes environmental ethics involved in making decisions that impact local ecosystems and the ability of communities to live sustainably in the region.



Entrance Grades	Human Ecology and Environmental Problem Solving 1 Credit	Natural Resources Management 1 Credit	Environmental Technologies and Techniques 1 Credit	Environmental and Natural Resource Research and Ethics 1 Credit COMPLETER	Work Study (optional)
10th Grade Entrance	Fall Sophomore	Spring Sophomore	Fall Junior	Spring Junior	Senior
11th Grade Entrance	Fall Junior	Spring Junior	Fall Senior	Spring Senior	

IN THIS PROGRAM

Students will:

- Engage in interdisciplinary study of environmental problems and dilemmas related to population growth, energy usage, and air, land and water pollution;
- Participate in field experiences to enhance learning; and
- Learn relevant laboratory and field-based sampling techniques for evaluating ecological conditions and adaptive management principles.

COURSE SEQUENCE

- Human Ecology and Environmental Problem Solving (A)
- Natural Resource Management (A)
- Environmental Technologies and Techniques (A)
- Environmental and Natural Resource Research and Ethics (A)
- Work Study: Renewable Energies Field Experience or Civic Engagement Activity (optional)

(A) articulates college credit

For course descriptions, please see the WCPS Course Catalog

@ <https://www.worcesterk12.com/>

STUDENT ORGANIZATION



EARLY COLLEGE CREDIT PARTNER

Students who complete the program with a satisfactory grade—determined by Towson University (TU) - will earn 3 articulated credits from the university in Environmental Biology.

