

Year at a Glance

Environmental Science/Honors

2001340 / 2001341



Course Description:

This advanced course is designed as an interdisciplinary course to provide students with scientific principles, concepts, and methodologies required to identify and analyze environmental problems and to evaluate risks and alternative solutions for resolving and/or preventing them. It provides a study of man's interaction with the environment. The content includes forms of pollution, conservation, environmental planning and policy, public land usages, population dynamics, and major forms of energy. Laboratory investigations include the use of the scientific method, measurement, laboratory apparatus, and safety.

Textbook Publisher:

Cengage – Environmental Science: Sustaining Your World (Students have online access through My.SarasotaCountySchools.net)

Other Supplemental Resources:

[FSA Portal](#)

Standards:

Available on [CPalms](#)

[Environmental Science](#)

[Environmental Science Honors](#)

Benchmark Assessment Dates

Midterm – School Midterm Exam Schedule

Final Exam – School Final Exam Schedule

Note teachers may use additional resources as noted on individual classroom syllabuses. For specific questions regarding individual classrooms please contact the teacher for clarification.

Quarter	Major Concepts/Topics
1	Ecology and Ecosystems Nature of Science Environment and Sustainability Earth's Spheres and Nutrient Cycles
2	Biodiversity Biodiversity and Evolution Species Interactions, Ecological Succession, and Population Control Ecosystem and Climate Saving Species and Ecosystem Services
3	Sustaining Biodiversity Environmental Quality Food, Soil, and Pest Management Geology and Nonrenewable Mineral Resources Nonrenewable Energy Resources Renewable Energy Resources Water Resources and Water Pollution
4	Environmental Concerns Human Population and Urbanization Environmental Hazards and Human Health Air Pollution, Climate Change, and Ozone Depletion Solid and Hazardous Waste Environmental Economics, Politics, and Worldviews

Students earning a [standard high school diploma](#) must earn three (3) Science credits. One (1) of which must be in Biology 1, the other two (2) of the three (3) must be equally rigorous with laboratory components. The student must also pass the Florida Standard Assessment (FSA) Biology 1 End of Course Exam (EOC), which constitutes 30 percent of the final course grade. More information on graduation requirements and concordant scores can be found here: [Graduation Requirements for Florida's Statewide Assessments](#).