

## **ENVIRONMENTAL SCIENCE 1, OCEANOLOGY 1 HONORS**

**Course Length:** 2 Semesters

**Credit per Semester:** 1.0 (1.0 Science or elective)

**Grade:** 11, 12

**Prerequisite:** Satisfactory completion of PES Science Honors, Biology 1, 2 Honors or department approval.

**Lab Fee:** \$5.00

Environmental Science is a systematic study of living systems with emphasis on interaction of the living systems with the natural environments. It teaches students to view the environment as an integral part of their lives and community. This is an issues-oriented environmental studies course that investigates and analyzes community problems and uses knowledge and processes of science to suggest options for the solutions of these problems. This course emphasizes problem solving, decision making, and hands-on learning. Oceanology is a generalized study of the oceans of the world. Chemical, physical, and geologic features of the oceans and ocean basins are studied with marine biology, historical Oceanology, and economics as extensions of importance and interest and Biology. This class will require out of class independent work. Off campus field work and independent study skills will be needed. FIELD TRIPS WILL BE EVERY WEEK. STUDENTS MUST BE ABLE TO PROVIDE THEIR OWN TRANSPORTATION TO THE DESIGNATED FIELD TRIP SIGHTS.