

Environmental Sciences (ENV SCI)

ENV SCI 8X Climate Change: The Interface of Science and Public Policy 2 Units

Department: Environmental Sciences

Course level: Undergraduate

Term course may be offered: Summer

Grading: Letter grade.

Hours and format: 5 hours of Lecture per week for 6 weeks.

The possible impacts of climate changes enhanced by or following from human activities create challenges for planners, policy-makers, industrialists, and all citizens of the globe. This course seeks to examine the science of climate change and the policy issues that follow from that change.

Instructor: Berry

ENV SCI 10 Introduction to Environmental Sciences 3 Units

Department: Environmental Sciences

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: Letter grade.

Hours and format: 3 hours of lecture and 1 hour of discussion per week and 1 8-hour fieldtrip per semester.

A survey of biological and physical environmental problems, focusing on geologic hazards, water and air quality, water supply, solid waste, introduced and endangered species, preservation of wetland ecosystems. Interaction of technical, social, and political approaches to environmental management.

ENV SCI 10L Field Study in Environmental Sciences 1 Unit

Department: Environmental Sciences

Course level: Undergraduate

Term course may be offered: Fall

Grading: Letter grade.

Hours and format: 2 hours of Fieldwork per week for 15 weeks.

Prerequisites: 10 (must be taken concurrently).

Field and laboratory studies of Strawberry Creek throughout its course from the hills to the Bay are used to exemplify integration of the physical, biological, and social components of science-based approaches to environmental management.

Instructors: Berry, Kondolf

ENV SCI 24 Freshman Seminar 1 Unit

Department: Environmental Sciences

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: The grading option will be decided by the instructor when the class is offered.

Hours and format: 1 hour of Seminar per week for 15 weeks.

The Freshman Seminar Program has been designed to provide new students with the opportunity to explore an intellectual topic with a faculty member in a small-seminar setting. Freshman Seminars are offered in all campus departments, and topics vary from department to department and semester to semester. Enrollment limited to fifteen freshmen.

Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

ENV SCI 84 Sophomore Seminar 1 or 2 Units

Department: Environmental Sciences

Course level: Undergraduate

Terms course may be offered: Fall, spring and summer

Grading: The grading option will be decided by the instructor when the class is offered.