
ENVIRONMENTAL SCIENCE

Natural and Applied Sciences Division

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<http://www.cabrillo.edu/programs>

Environmental Science Courses

ES 10

Introduction to Environmental Science

3 units; 3 hours Lecture

Recommended Preparation: Eligibility for ENGL 100 and READ 100.

Covers the physical, biological, chemical and human systems that constitute the Earth's environment. Topics include geological processes, hydrology, natural resources, climatology, population biology, ecosystems, biodiversity, biochemistry and the chemistry of pollution. Includes an analysis of how human behavior and institutions affect the environment.

Transfer Credit: Transfers to CSU, UC.

ES 10L

Introduction to Environmental Science Lab

1 unit; 3 hours Laboratory

Hybrid Requisite: Completion of or concurrent enrollment in ES 10

Recommended Preparation: Eligibility for ENGL 100 and READ 100.

Presents hands-on exploration for topics associated with Environmental Science including watershed monitoring and field trips to local agencies.

Transfer Credit: Transfers to CSU, UC.

ES 20

Environmental Policy-Making and Analysis

3 units; 3 hours Lecture

Recommended Preparation: PS 1 or PS 1H or PS 5; Eligibility for ENGL 100 and READ 100; Eligibility for MATH 154.

An introduction to the political economy of environmental quality and natural resource management. Topics include socioeconomic causes of resource degradation, governmental and interest group roles in developing and implementing environmental policy, policy options, benefit-cost analysis, uses of science in decision-making, case studies, policy effectiveness and reform.

Transfer Credit: Transfers to CSU, UC.