

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.

A detailed scientific survey of the many physical, biological and chemical systems that constitute the earth's environment, as well as the impact of human systems. Topics covered include geological processes, hydrology, nonrenewable and renewable resources, climatology and meteorology, population biology, ecosystems, biodiversity, biochemistry and the chemistry of air and water pollution. Also covered is the analysis of political and economic impacts on the environment.

Transfer Credit: Transfers to CSU. Transfers to UC.

ES 20

Environmental Policy-Making and Analysis

3 units; 3 hours Lecture

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

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. May be offered in a Distance-Learning Format.

Transfer Credit: Transfers to CSU. Transfers to UC.