

# Environmental Science (ENVS)

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**ENVS 2315** Intro Environmental Science **3 SCH (3-0)**

Fundamental principles of environmental systems including biological, chemical, social, political, cultural, and economic factors that affect the environment: scientific and social implications of climate change, including anthropogenic pollutants and human population on the environment.

**ENVS 3310** Landuse Decisions **3 SCH (3-0)**

Impact of land use on natural resource conservation; land ownership and management issues; and development of environmental impact statements. Registration in ENVS 2315 is required.

**ENVS 3315** Environmental Health **1-9 SCH (1-9)**

Impact of natural occurring and anthropogenic environmental pollutants on human health. Registration in ENVS 2315 is required.

**ENVS 4310** Ecology Natural Environs **3 SCH (3-0)**

The principles and processes that determine the patterns of terrestrial ecosystems, ecosystem relationship with abiotic factors, and the return of biomass to the abiotic cycles. Emphasis on temporary ecosystems of North America, with review of global ecosystems. Prerequisites: ENVS 2315 or approval of instructor.

**ENVS 4320** Aquatic and Marine Ecosystems **3 SCH (3-0)**

Inland wetlands, estuaries, nearshore, coral reefs and open ocean habitats; explores vegetation, hydrology, water chemistry, management strategies, flow alterations, nutrient enrichment, and chemical contamination of aquatic habitats. Prerequisites: ENVS 2315 and junior standing.