

ENVIRONMENTAL ESP SCIENCE AND POLICY

College of Social Science

801 **Physical, Chemical, and Biological Processes of the Environment**

Fall. 3(3-0) RB: Bachelor's or Master's in appropriate discipline for specialization. R: Approval of college. SA: SSC 801

Interdisciplinary concepts in the natural sciences related to environmental problems. Ecology and human health.

802 **Human Systems and Environment**

Spring. 3(3-0) RB: Bachelor's or Master's in appropriate discipline for specialization. R: Approval of college. SA: SSC 804

Anthropological, economic, geographical, legal, political, and sociological concepts of human systems and environmental change.

803 **Human and Ecological Health Assessment and Management**

Fall. 3(3-0) P:M: ESP 801 and ESP 802 RB: Familiarity with the basic concepts of physics, chemistry and biology of environmental processes, and the relationships between human systems and the environment. R: Approval of college. SA: SSC 805

Concepts and techniques used to evaluate human and ecological health impacts from anthropogenic activities. Policy formulation and management strategies to mitigate health effects.

804 **Environmental Applications and Analysis**

Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: Bachelor's or Master's in appropriate discipline for specialization. R: Approval of college SA: SSC 806

Global, regional and local environmental issues. Use of systems approach to identify and solve environmental problems.