

# Environmental Policy & Planning (EPP)

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## Courses

### **EPP 522. Environmental Planning. 3 Credits.**

History, processes, and impacts of environmental planning in the United States. Action forcing legislation and its effect on environmental issues and processes. Emphasizes environmental planning and implementation at the national, state, and local levels.

P: graduate status

Fall and Spring.

### **EPP 551. Water Resources Policy and Management. 3 Credits.**

The world faces unprecedented challenges as vital water is used and abused, mismanaged and wasted. This course is a comprehensive analysis of the current state of water issues and future implications, introducing basics of water management and planning. Topics covered are: basic hydrological cycle, human impacts on the hydrologic cycle, water pollution, flood and drought, mining of aquifers, water conflicts, state water laws, historical municipal and irrigation development, dams and pipelines, water and wastewater treatment (and related laws), effects of land use, effects of climate change, FOOD-ENERGY-WATER nexus, economics of water, and contemporary strategies to improve water use and quality. Focus is mostly national, with many local and global examples.

P: gr st.

Spring.

### **EPP 578. Environmental Law. 3 Credits.**

An overview of major environmental laws such as the Clean Air and Clean Water Acts, with emphasis on how these laws are implemented by the federal and state governments.

P: graduate status

Fall Only.

### **EPP 579. Natural Resource Policy, Law, and Administration. 3 Credits.**

This course examines public land and resources policy, law and administration from multiple perspectives. It covers environmental and administrative decision making and various contemporary resource management problems and conflicts. A number of substantive policy areas are examined including national forests, public rangelands, wildlife and biodiversity, and protected areas, among others. These substantive areas are approached and analyzed in a number of different ways.

P: graduate status.

### **EPP 580. Global Environmental Politics and Policy. 3 Credits.**

This course explores the transnational and international context of environmental politics and policy. Particular focus areas include the causes of environmental harm, the meaning of sustainability, and the relevance of new environmental actors on the global stage.

P: graduate status

Spring.

### **EPP 650. Advanced Geographic Information Systems. 3 Credits.**

Project-based course using ARC/INFO software. Students adopt a study area, develop data layers, analyze these data and develop GIS maps showing results of the analysis.

P: graduate status

Spring.

### **EPP 652. Planning Theory and Methods. 3 Credits.**

Planning for public and not-for-profit agencies: theory and practical significance of planning; the political and administrative setting of planning operations; and methods of planning analysis such as strategic planning.

P: graduate status

Spring.