

# Public & Environmental Affairs (PU EN AF)

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## Courses

### **PU EN AF 506. Regulatory Policy and Administration. 3 Credits.**

The origins, purposes and operation of regulatory agencies and the programs in the U.S.: theories of regulation, issues and controversies in regulatory policy, and decision-making in such areas as economic regulation, public health, consumer protection workplace safety and environmental quality.

P: gr st.

Spring.

### **PU EN AF 514. Administrative Law. 3 Credits.**

Administrative law in the American federal (intergovernmental) system: connections between administrative law issues and issues of public policy; and legal dimensions of administrative problems.

P: gr st.

Fall Only.

### **PU EN AF 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: gr st.

Fall and Spring.

### **PU EN AF 535. Principles and Practices of Emergency Management. 3 Credits.**

The philosophy of comprehensive Emergency Management will be discussed with the four attendant steps, which include mitigation, preparedness, response and recover. In addition, legal issues involving state and Federal law effecting emergency operations will be studied.

REC: Pu En Af 315.

### **PU EN AF 536. Strategic Emergency Preparedness, Planning and Implementation. 3 Credits.**

Strategic planning and budgeting is a very important component in emergency planning and mitigation. Learn how to acquire and allocate resources, plan for crises with or without warning, and implement preparedness programs.

### **PU EN AF 537. Disaster Response Operations and Management. 3 Credits.**

Examine the roles and responsibilities of the players in a crisis event. Explore the various problems associated with response operations such as: inadequate preparedness measurers, safety and site security, politics, and record keeping.

### **PU EN AF 538. Disaster Recovery. 3 Credits.**

Examine disaster recovery in isolation. Explore the short and long term effects of disasters, as well as, the process of putting families, businesses and communities back together. You will learn the importance of reconstruction and relocation.

### **PU EN AF 551. Water Resources Policy and Management. 3 Credits.**

This course will cover the basics of water management and planning, covering local to global examples of such things as surface water pollution, mining of fossil aquifers, water wars at regional, interstate, and international levels.

P: gr st.

### **PU EN AF 559. Political and Policy Dimensions of Emergency Management. 3 Credits.**

This course considers the political and policy environment in which emergency management is practiced. It focuses on political processes and phenomena associated with mitigating the likely effects of extreme events, responding to them, and recovering from them. The course is intended to help emergency managers develop an understanding of local, state, federal, and intergovernmental politics affecting and affected by extreme events.

### **PU EN AF 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: gr st.

Fall Only.

### **PU EN AF 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: gr st.

### **PU EN AF 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: gr st.

Spring.

**PU EN AF 602. Environmental and Resource Economics. 3 Credits.**

Applications of tools such as cost-benefit analysis and other economic concepts in current public decision making, with special emphasis upon common property resources management.

P: gr st.

Fall and Spring.

**PU EN AF 608. Public Policy Analysis. 3 Credits.**

An introduction to public policy analysis and to the policy-making process, primarily in American government. The course emphasizes the political aspects of policy analysis, models and methods for rational design of public policies, and applications of policy studies to particular public problems.

P: gr st.

Fall Only.

**PU EN AF 615. Public and Nonprofit Budgeting. 3 Credits.**

The purposes and attributes of major public budgetary systems: principles and methods in designing and managing relationships among program planning, policy planning and budgetary operation; applications of analytical and decision-assisting tools in public budgetary operations.

P: gr st.

Spring.

**PU EN AF 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: gr st.

Spring.

**PU EN AF 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: gr st.

Spring.

**PU EN AF 653. Cost Benefit Analysis. 3 Credits.**