

Urban Planning and Environmental Policy

PhD Course Descriptions

UPEP 900 - Advanced Planning Theory and Practice (3)

Examines the intellectual and professional roots of contemporary planning theory and practice. Effort is directed toward analyzing these roots with an eye to stimulating new perspectives and concepts for a sustainable community orientation.

UPEP 901 - Advanced Urban Theory (3) Evolution of Urban Theory.

Genesis and structure of planning thought and methods; economic, political, and social factors influencing the development of urban theories and policies; the theory and development of urban structure; and the history of cities.

UPEP 902 - Advanced Planning Analysis (3)

Methods for investigation and analysis of urban and environmental phenomena; models, data-gathering techniques; sources and applications of aggregate data; data preparation and data processing; measures of association and statistical significance.

UPEP 903 - Advanced Planning Analysis (3)

Applied statistics and computing, inferential statistics; multivariate statistical methods; selecting the appropriate statistical test for analyzing bivariate relationships and procedures for more complex designs.

UPEP 904 - Environmental Planning and Policy (3)

Examines contemporary environmental policy and practice and the institutional framework for establishing policy and programs. Analysis of case studies of environmental planning at the federal, state, and local levels.

UPEP 905 - Environmental Planning and Natural Resources Management (3)

Examines the problems related to resources management and environmental planning. Relationship between the physical environment and the quality of urban life. Global population impacts to local air pollution control and management.

UPEP 906 - Environmental Monitoring and Analysis (3)

Interpretation and analysis of scientific information: examination of the chemistry of atmospheric, land and water environment, with particular emphasis on pollution encountered in urban and industrial sectors.

UPEP 907 - Environmental Legislation and Policy (3)

Legal principles and institutions involved in protecting the environments, including air, water, and noise pollution. The approach of lawyers and courts, as differentiated from that of planner.

UPEP 908 - Pollution Control (3)

Examines the technological and management options for controlling and preventing air, water, and solid waste pollution.

UPEP 909 - Population and Development Planning (3)

Examines issues, methods, strategies and problems related to the integration of population information with policies for guiding the social and economic development of third world countries.

UPEP 910 - Comprehensive Planning and Growth Management (3)

Explores the comprehensive planning process by developing a plan for a local jurisdiction. Problems and needs for growth management; planning approaches and methods for controlling growth in the urban environment.

UPEP 941 - Research Colloquium (3)

Seminars for doctoral students addressing issues of interests in research, teaching, and career development.

UPEP 942 – Dissertation Supervised