

# URBAN AND REGIONAL PLANNING

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## **URP 6007 Survey of Urban and Regional Planning 3 Credits**

**Grading Scheme:** Letter Grade

An overview of the comprehensive planning process designed for graduates who are considering a career in urban and regional planning or who are pursuing studies, such as urban analytics, where some knowledge of the planning process is desirable.

**Prerequisite:** Graduate Standing.

## **URP 6042 Urban Economy 3 Credits**

**Grading Scheme:** Letter Grade

Principles of urban systems, including analytical techniques such as economic base analysis.

## **URP 6061 Planning Administration and Ethics 3 Credits**

**Grading Scheme:** Letter Grade

Administration and management of public and private planning offices; ethics of planning profession.

## **URP 6100 Planning Theory and History 3 Credits**

**Grading Scheme:** Letter Grade

History of planning and the associated development of theory. Synoptic versus disjointed incrementalism and the political setting for comprehensive planning are emphasized.

## **URP 6131 Land Use Planning Law 3 Credits**

**Grading Scheme:** Letter Grade

Introduction to regulatory and nonregulatory techniques of plan implementation. Relationship of law and politics to the planning process. Police power as the basis for regulation. Mandatory planning and status of adopted comprehensive plans.

## **URP 6132 Growth Management Seminar 3 Credits**

**Grading Scheme:** Letter Grade

Introducing students with an interest in land use planning to the evolution of growth management planning law in Florida.

**Prerequisite:** URP 6131.

## **URP 6203 Planning Research Design 1-3 Credits, Max 3 Credits**

**Grading Scheme:** Letter Grade

Emphasizes research design, and literature research; student presentations at appropriate stages in thesis work.

## **URP 6223 Introduction to Urban Analytics 3 Credits**

**Grading Scheme:** Letter Grade

This course introduces Urban Analytics and its applications to real world problems in urban and regional planning, urban studies, and related fields, including urban data sources, processing, visualization, modeling, and analysis methods.

**Prerequisite:** Graduate students.

## **URP 6231 Quantitative Data Analysis for Planners 3 Credits**

**Grading Scheme:** Letter Grade

Planning problem formulation, quantitative research skills, and data gathering techniques. Statistical analysis and emphasis on computer applications.

## **URP 6270 Introduction to Planning Information Systems 3 Credits**

**Grading Scheme:** Letter Grade

Introduction to concepts, theories, and practice of the use of Geographic Information Systems as applied to urban and regional planning issues.

## **URP 6271 Automation for Geospatial Modeling and Analysis 3 Credits**

**Grading Scheme:** Letter Grade

Covers methods and techniques for automating geospatial modeling and analysis for urban planning by using visual models, computer programming, and custom-built applications and tools that utilize Geographic Information Systems (GIS) technology in the context of planning information systems.

## **URP 6272 Urban Spatial Analysis 3 Credits**

**Grading Scheme:** Letter Grade

Theoretical and practical knowledge about spatial relationships as applied to urban form and the development and analysis of urban environments using geographic information systems and spatial analysis techniques such as spatial statistical modeling.

**Prerequisite:** URP6270 or consent of the instructor.

## **URP 6274 GPS for Planners: Introduction to Global Positioning System 1 Credit**

**Grading Scheme:** Letter Grade

Basics of digital field collection using GPS. GPS applications, components, concepts, mission planning, data collection in field, navigation, real-time and postprocessing correction using base station data, and exporting GPS to GIS.

## **URP 6275 Intermediate Planning Information Systems 3 Credits**

**Grading Scheme:** Letter Grade

Advances technical skills and theoretical/ conceptual skills to allow students to solve intermediate spatial problems using geographic information systems. Students will learn intermediate concepts and skills for data management, editing, analysis, and automation.

**Prerequisite:** URP6270 or consent of the instructor.

## **URP 6276 Internet Geographic Information Systems 3 Credits**

**Grading Scheme:** Letter Grade

Examines the theoretic and technological background in the emerging technologies in web-based geographic information systems (GIS).

**Prerequisite:** URP 6270

## **URP 6277 Land Use Visioning and Analysis 3 Credits**

**Grading Scheme:** Letter Grade

Fundamental data analysis techniques and GIS skills necessary for land use analysis and visioning.

**Prerequisite:** URP 6270 or consent of instructor.

## **URP 6278 Web Mapping and Visualization 3 Credits**

**Grading Scheme:** Letter Grade

Utilization of web mapping for communication and visualization of geographic data. Includes fundamentals of web GIS, web mapping formats, and spatial architecture, and technical skills for symbolizing data, publishing maps on the web, and creating web mashups.

**Prerequisite:** Satisfactory completion (B or higher) of URP 6270, Introduction to Planning Information Systems

## **URP 6280 3D Geospatial Modeling and Visualization 3 Credits**

**Grading Scheme:** Letter Grade

Covers methods and techniques for modeling and visualization of physical urban environments in three and four dimensions to help understand, simulate, evaluate, and communicate graphically concepts and ideas about planning and design of built environment. Software used in the course include GIS, 3D modeling, visualization, rendering, parametric modeling.

**URP 6341 Urban Planning Project 1-12 Credits, Max 12 Credits****Grading Scheme:** Letter Grade

Projects encompass city wide comprehensive planning examining the interaction of urban and social systems cast in scenarios of future growth and development.

**URP 6409 Sustainable Community Development 3 Credits****Grading Scheme:** Letter Grade

Explores the range of planning and development processes associated with creating sustainable communities ranging in scale from individual buildings, to collections of buildings and spaces within neighborhoods or larger collections of neighborhoods, as well as planning at the city and regional scale.

**URP 6421 Environmental Land Use Planning and Management 3 Credits****Grading Scheme:** Letter Grade

Introduction to the types of environmental impacts associated with land development and the connection between land use planning, the environmental regulation of land, and environmental assessment and analysis in the United States and internationally, with a special focus on Florida.

**URP 6424 Sustainable Urbanism in the Americas 3 Credits****Grading Scheme:** Letter Grade

An examination of sustainable patterns of growth in several urban environments in the Americas, within the context of specific cities and metropolitan regions. Urban management practices, particularly those related to urban lifestyles and consumption patterns are covered.

**Prerequisite:** URP 6100 pr permission of the instructor.**URP 6428 Advanced Environmental Planning 3 Credits****Grading Scheme:** Letter Grade

The course will examine cutting edge environmental planning theory and practice that aims to collectively manage linked social and ecological systems that are important, complex, and adaptive.

**Prerequisite:** URP 6421 or URP 6429 or consent of instructor.**URP 6429 Natural Resources Planning and Management 3 Credits****Grading Scheme:** Letter Grade

Natural resources planning, management principles, practices of natural resources, ecosystem, restoration planning, and management at local and regional levels

**URP 6445 Planning for Climate Change 3 Credits****Grading Scheme:** Letter Grade

Overviewing the relationship between human activities and climate change and what can planning do to mitigate and adapt to climate change, including the science and scenarios of climate change, impacts on the built and natural environment, the mitigation measures, and adaptive planning approaches to build resilient communities.

**URP 6526 Health and the Built Environment 3 Credits****Grading Scheme:** Letter Grade

Using connections between urban planning and public health using an environmental health framework on a global, regional, and local scale. Historical connections and emerging issues, such as obesity and physical activity, sustainability, and environmental justice, climate change, social equality, children's health, and the role of land use, environmental and other planning decisions.

**Prerequisite:** None.**URP 6541 Economic Development Planning 3 Credits****Grading Scheme:** Letter Grade

Major international and national economic development theory, issues and trends as they affect local economic development planning, methods, and practice.

**URP 6542 Urban Land Economics 3 Credits****Grading Scheme:** Letter Grade

Review of land economics within the context of urban and regional planning.

**URP 6603 Development Review 3 Credits****Grading Scheme:** Letter Grade

Seminar on practice of local government planning with emphasis on development review and land development regulation.

**URP 6610 International Development Planning 3 Credits****Grading Scheme:** Letter Grade

Critical examination of institutions that play a role in development issues in poorer nations within the context of international development strategies, exposing students to dominant strategies and emerging perspectives on international development.

**URP 6645 Sustainable Urbanism in Europe 3 Credits****Grading Scheme:** Letter Grade

Introduction to sustainability planning, policies and practices in European cities. Examines key urban issues such as land use, transportation, the environment, energy, economics and urban design through approaches that advance the goals of sustainable urbanism.

**URP 6646 International Perspectives in Urban and Regional Planning 3 Credits****Grading Scheme:** Letter Grade

Presents contemporary global and critical issues in urban and regional Planning, selecting critical topics such as inequality, immigration, and segregation and case studies from around the world, encouraging students to evaluate and develop different strategies and corrective courses of action.

**URP 6711 Transportation and Land Use Coordination 3 Credits****Grading Scheme:** Letter Grade

Explores the connection between land use and transportation by considering how four major sets of actors shape the urban environment: individuals, businesses, the professions and governments.

**Prerequisite:** URP 6716; URP 6131;**Corequisite:** URP 6716**URP 6716 Transportation Policy and Planning 3 Credits****Grading Scheme:** Letter Grade

Introduction to transportation policy planning in urban context. Transportation policy instruments and policy-making processes, critical issues in transportation policy, history of policy in U.S. at federal, state, and local levels.

**URP 6743 Affordable Housing Law 3 Credits****Grading Scheme:** Letter Grade

Broad understanding of the affordable housing crisis and the federal, state, and local regulatory schemes employed to correct this deficiency, as well as the legal battles which have served as the basis for such regulations or the challenge thereof. Enhancement of legal drafting skills through the preparation of research memoranda and comprehensive plan language.

**URP 6745 Housing, Public Policy, and Planning 3 Credits****Grading Scheme:** Letter Grade

Supply, demand, and market relationships. History of government housing policy. Exploration of relationship between housing policy and urban and regional planning.

**URP 6821 Transportation and Land-Use Modeling 3 Credits****Grading Scheme:** Letter Grade

The planning process, modeling and applications for passenger transportation and land-use development of metropolitan areas with respect paid to its contribution to transportation project and policy analysis.

**URP 6855 Urban Form in Cities throughout the Americas 3 Credits****Grading Scheme:** Letter Grade

Urban form and development theories and how planning interfaces with developmental trends in North, Central, and South America.

**URP 6871 Planning and Design I 3 Credits****Grading Scheme:** Letter Grade

Lectures, readings, and exercises in planning research and design methods. Emphasis on design graphics and other means of communication.

**URP 6872 Planning and Design II 3 Credits****Grading Scheme:** Letter Grade

Focus on alternative roles and potential contributions from both private and public sector participants, case studies and exercises in formulation of urban design plans for private and public sectors.

**Prerequisite:** URP 6871**URP 6880 Defensible Space and CPTED in Urban Design 3 Credits****Grading Scheme:** Letter Grade

Introduction to crime prevention through environmental design (CPTED) and defensible space in urban planning design.

**URP 6887 Advanced Defensible Space in Urban Design 3 Credits****Grading Scheme:** Letter Grade

Advanced analysis of Defensible Space, CPTED, and other place-based crime prevention planning theories and practices in distressed communities.

**Prerequisite:** URP 6880/4882**URP 6905 Exploration and Directed Study 1-4 Credits, Max 10 Credits****Grading Scheme:** Letter Grade

Exploration and Directed Study

**URP 6910 Supervised Research 1-5 Credits, Max 5 Credits****Grading Scheme:** S/U

Supervised Research

**URP 6920 Colloquium 1 Credit****Grading Scheme:** S/U

Introduction to the field; historical and philosophical concepts, processes, and issues related to the profession of planning. For entering MAURP students.

**URP 6931 Topical Seminar 1-4 Credits, Max 6 Credits****Grading Scheme:** Letter Grade

Current planning opportunity examined.

**URP 6941 Urban Planning Internship 1-3 Credits, Max 3 Credits****Grading Scheme:** S/U

Off-campus internship experience.

**URP 6971 Research for Master's Thesis 1-15 Credits****Grading Scheme:** S/U

Research for Master's Thesis

**URP 6979 Master's Research Project 1-6 Credits, Max 6 Credits****Grading Scheme:** S/U

This option, in lieu of thesis, accommodates a physical design, geospatial analysis, or other community-based planning project that because of its maps, graphic content, or subject does not fit comfortably within a thesis format.