Urban Planning and Design (UPD)

Courses

UPD 203 GIS For Urban Planning Credits: 3
This introductory level GIS course is designed to expose planning students to Geographical Information Systems (GIS). Students will learn basic concepts and theories of GIS and applications of GIS software with hands-on experience. Students will also learn how to search for demographic, socio-economic, land use, transportation, and geospatial data, and how to use such data for their academic research and professional planning work with GIS. Students will apply GIS to the multiple scales of planning work.

UPD 260 History Of Planning And Urban Design Credits: 3
An overview of planning history with an emphasis on the 19th and 20th centuries. The historic framework will include urban history, the rise and development of urban planning, urban design, and social theory and how these areas have affected the shape of our cities.

UPD 280 Land Use Planning Credits: 3
This course explores the basic principles of plan making, land use development and regulation. Students are introduced to contemporary planning and policy issues. Including land use conflicts and alternative models for sustainable planning, design and management. Students will learn how to develop a land use plan using Geographic Information Systems (GIS) and other design tools. An introductory GIS course (UPD 203) is highly recommended.

UPD 300 Quantitative Planning Methods And Techniques Credits: 3
Statistical analysis and other analytic techniques of data gathering. Data and problems framed from complex, real world situations. Competence in firsthand research; survey design; case study method; data gathering methods such as observation, open-ended interviewing and questionnaires.

UPD 310 Planning And Design Studio I Credits: 4
The urban planning and design studio will introduce to the student a methodology of designing urban spaces. Students will actively participate in problem solving and determine the physical shaping of communities and cities, while developing abilities in graphic methods of communication and Presentation. The application of principles of urban design, social, political, cultural, economic and environmental considerations will help inform solutions. Students will have the opportunity to work interactively with a wide spectrum of professionals, neighborhood leaders, and political entities in developing strategies for solutions to real urban situations.

Prerequisites: ENV-DSN 201 and ENV-DSN 202 with a grade of C- or better.

UPD 312 Planning And Design Studio II Credits: 4
This course integrates material from Quantitative Planning Methods and Techniques (UPD 300). Instruction in urban planning and design focusing on the synthesis of land use analyses, regulatory reviews, urban design issues, and public participation facilitation. Continued instruction in techniques for visually presenting planning and design ideas.

Prerequisites: UPD 300, UPD 310 with a grade of C- or better.

UPD 320 Planning Theory And Practice Credits: 3
This course examines contemporary urban planning and design practice. Theories about planning practice and related case studies will be the basis of this course. Topics covered will include the definition of urban planning, the idea of the “public realm,” planning/design expertise and the rational model, the role of diversity, public participation, communicative planning, advocacy and equity planning, ethics comprehensiveness and the limits of planning. The course will include assignments that will build student’s ability to write quick and analytical assessments, often required in planning practice. Students will be required to attend public planning forums in and around the region.

UPD 332CZ Environmental Sustainability Credits: 0
Explores the meaning of sustainability at the personal, governmental and global levels. We will discuss the scientific facts of climate change and ecology, the role of individual and collective choice, and positive approaches for society being developed around the world. No prerequisites. This course is open to all and highly recommended for Environmental Studies majors.

UPD 332 Environmental Sustainability Credits: 3
This course will introduce the concept of sustainability and review how sustainability might work at the individual, neighborhood, state, nation and global scales. Students will participate in some form of community engagement on sustainability as well as reflect upon how their own practices impact the environment. Counts toward AS Interdisciplinary “Cluster course.” Key course in sustainability minor.

UPD 340 Neighborhood And Community Development Credits: 3
Course provides a comprehensive introduction to the field of community development and neighborhood planning. The development of theoretical models that explain neighborhood change and history in the U.S. will serve as the basis. Issues explored include: community organizing, social movements, federal and state policies, and the role of planning organizations and community development corporations in neighborhood revitalization.

UPD 400 Advanced GIS For Urban Planning Credits: 3
This advanced level GIS course is designed to expose students to high level GIS techniques and geospatial analyses in urban planning. Students will learn advanced theories and geographic information tools with hands-on experiences. Students will have an opportunity to apply their knowledge and skills in GIS to a real world planning project in class.
UPD 401 Portfolio and Resume Development Credit: 1
This class focuses on the development of portfolios necessary for professional advancement in the design fields. Students examine the various types of resumes and portfolios that can be used in different employment situations. Students will be exposed to the many design decisions that must be made when developing a resume and portfolio.

UPD 403 GIS for Urban Planning Credits: 3
The introductory level GIS course is designed to expose graduate students to Geographical Information Systems (GIS). Students will learn basic concepts and theories of GIS and application of GIS software with hands-on experience. Students will also learn how to search for demographic, socio-economic, land use, transportation, and geospatial data.

UPD 410 Planning And Design Studio III Credits: 4
Instruction in problem analysis and plan development for defined urban or suburban location with multiple constituencies.
Prerequisites: UPD 312 and not more than one grade of D in a UPD studio course.

UPD 411 Professional Practice I Credit: 1
This course prepares students for professional practice in planning and design. Issues to be addressed in the seminar include mediation, public meeting facilitation methods and presentation skills. Students engage in writing assignments addressing urban plans and designs concurrent with their work in Planning and Design Studio III (UPD 410).
Co-requisites: UPD 410.

UPD 412WI Planning And Design Studio IV Credits: 5
Capstone course that incorporates a topical plan or a comprehensive plan for a client comprising a development subdivision, a community or a redevelopment area.
Prerequisites: UPD 410 with a grade of C- or better, RooWriter.

UPD 413 Professional Practice II Credit: 1
A continuation of professional practice seminar addressing issues of Urban Planning and Design practice including different career options in the public, private, and the nonprofit sectors. The course will chart a path of successful post graduation professional development.
Co-requisites: UPD 412WI.

UPD 420 Transportation Planning Credits: 3
The course provides fundamental theories, methods, and contemporary issues in transportation planning. The topics covered in this course include the transportation planning process, transportation systems, travel demand analysis, and policy issues such as the linkage between land use and transportation, urban transportation finance, social and environmental justice, transportation and environmental impacts, and traffic congestion.

UPD 430 Planning For Historic Preservation Credits: 3
The course provides a survey of major issues in the field of historic preservation and heritage studies from a planning perspective. Will focus primarily on the built environment of the United States, as well as world heritage sites and international perspectives. The course will include the urban planning techniques used for preserving historic buildings, neighborhood and districts, as well as some of the landmark legal decisions and legislation that have shaped heritage preservation practice in the U.S. Recommended Preparation: UPD 260.

UPD 432 Urban Environment Planning And Design Credits: 3
The built environment does not exist in a vacuum. Cities operate within broad ecological processes. Effective environmental planning can protect important natural resources while providing for a higher quality of life for urban residents. As a survey course in a subfield of urban planning, this course introduces students to environment planning approaches and techniques.

UPD 440 New Urbanism Credits: 3
This course will focus on all the components of the New Urbanism-from the region to the block and the building. It will give a detailed analysis of the history and techniques of NU, and the current state of the practice. The course will be a combination of lecture and field work, as students will be asked to participate in exercises that will deepen their understanding of the built environment.

UPD 450 Planning Law And Practice Credits: 3
Introduction to legal procedures basic to urban planning; including legal, constitutional, legislative, and administrative concepts, controls, and land-use regulations.

UPD 460CC CC: Queer in the City: An introduction to Lesbian and Gay Studies Credits: 3
This course introduces queer theory within the context of gender studies and urban studies. We will read, discuss, and react to classic text in queer theory, lesbian and gay studies, and sexuality and space studies. There will be an emphasis on finding "otherness" within everyday spaces, places, texts, and discourses.

UPD 472 Urban Redevelopment Credits: 3
Contemporary issues of urban redevelopment, with an emphasis on American cities, will be examined. Redevelopment processes recently completed or underway in the greater Kansas City region will be the subject of a case study and a theoretical review by each student.

UPD 475 American Housing Credits: 3
Students will explore housing in cultural, design, and historical terms and examine contemporary American housing policy.
UPD 490 Urban Planning Internship Credits: 3
Urban planning work experience off-campus with an approved professional, Government, or non-profit agency sponsor. A contract specifying the expected product of the internship is required between the student, agency, and faculty coordinator.

Prerequisites: UPD 203, UPD 300.

UPD 496 Directed Studies In Urban Planning Credits: 1-3
Intensive reading and/or research in an area selected by the student in consultation with the instructor.

UPD 499 Special Topics In Urban Planning Credits: 1-3
Advanced independent research and analysis in urban planning. Topics and methods used in research, to be established by student and academic supervisor prior to enrollment.

UPD 499C Special Topics In Urban Planning Credits: 1-3
Advanced independent research and analysis in urban planning. Topics and methods used in research, to be established by student and academic supervisor prior to enrollment.

UPD 499E Special Topics In Urban Planning Credits: 1-3
Advanced independent research and analysis in urban planning. Topics and methods used in research, to be established by student and academic supervisor prior to enrollment.