

University of Wisconsin-Madison
Department of Planning and Landscape Architecture
MS Urban and Regional Planning Program

Spring Semester 2020

Course Descriptions

URPL 590 DIGITAL VISUAL COMMUNICATION (3 credits)*

Meets: 9:00am-11:50am Friday, Music Hall 109

Instructors: Edna Ledesma, Eric Schuchardt

Visual communication in planning addresses the communication of plans -- specifically in the form of site plans, master plans, comprehensive plans, illustrative design codes, cartography, analyses maps, among other. This introductory course provides planning students with a planning and design graphics foundation to help realize the procedures in communication and information management within today's interdisciplinary planning process. The goal of this course is to help students acquire basic skills in graphic communication from techniques currently used in the planning, architecture and urban design fields. During the course, students will be introduced to a number of digital graphic representation programs as a means of developing a planning graphics toolkit. The assignments and lectures will engage students in techniques and methods involved in producing graphics that will clearly communicate ideas, test concepts and visions to critically address city design challenges.

Format: Through a series of lab exercises, the instructors will introduce four specific software packages and demonstrate their applications with real urban projects. The set of software used in this course includes: ArcGIS; Adobe Suite (Photoshop, Illustrator, and InDesign); Google Sketchup and Google Earth; AutoCAD; and Lumion.

Requisites: Senior or graduate/professional standing

URPL 590 DESIGNING HEALTHY COMMUNITIES (3 credits)

Meets: 1:20pm-3:15pm Wednesday, Agriculture Hall 14

Instructor: Kristi Thorleifsdottir

This course will discuss human health and well-being issues as they relate to the quality of the urban environment and rethink the ways communities are planned, designed and constructed. The course will review related literature and evolving evidence-based measures that guide health promoting community design.

Requisites: Senior or graduate/professional standing

(*) denotes required MSURPL Courses for graduation

(**) Fulfills MSURPL Structure and Functions of Cities and Regions Requirement

URPL 590 MOBILITY AND THE FUTURE CITY (3 credits)

Meets: 2:25pm-4:55pm Monday, Music Hall 208

Instructor: Carey McAndrews

What are the implications of future transportation technologies for urban form, work, and daily life? We consider this question from the perspective of transportation system designers, operators, and users. The discussion includes practical topics such as regulation, as well as crosscutting issues such as gender and equity.

Format: The class format is a small, interactive, Socratic seminar.

Requisites: Senior or graduate/professional standing

URPL 597 UniverCity YEAR GUIDED EXPERIENCE (1 credit)

Meets: Online

Instructor: TBD

Helps orient students to the UniverCity Year program and provide students with underlying theory and applied knowledge around community engagement, the function of local governments, and working with local officials and professional staff. Students gain core competencies for applied, community-based learning projects and the importance of place-based learning. The course exposes students to multidisciplinary approaches to problem-solving, access and use information resources, reflect upon or address ethical and professional issues, consider the social and systemic roots of issues faced by local municipalities, and prepare written reports.

Requisites: Junior standing

URPL 601 SITE PLANNING (3 credits)**

Meets: 2:00pm-4:30pm Wednesday, Music Hall 208

Instructor: Jim LaGro

Survey of site planning theory and methods; standards for municipal review of site plans and related design proposals. Topics include architecture, vehicle circulation and parking, pedestrian circulation, stormwater management, landscaping, outdoor lighting, and signage. Intended for students without design backgrounds.

Requisites: Senior or graduate/professional standing

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URPL 734 REGIONAL ECONOMIC PROBLEM ANALYSIS (3 credits)**

Meets: 12:30pm-1:45pm Monday/Wednesday, Music Hall 208

Instructor: Dave Marcouiller

Examination of major theories of regional economic development, with special emphasis upon the evolution and amelioration of regional economic problems. Selected techniques of regional analysis, including economic base multipliers, input/output models, and shift-share analysis are used in the context of setting regional development goals.

Requisites: Graduate/professional standing

URPL 781 PLANNING THOUGHT AND PRACTICE (3 credits)*

Meets: 12:45pm-3:15pm Thursday, Music Hall 208

Instructor: Revel Sims

Intensive analysis of selected planning cases highlighting important issues that planners deal with in practice. The case studies are prefaced by sessions which places them in the broader framework of planning history, decision making process models and planner role models. A second section deals with subnational planning and regional development issues in developing countries.

Requisites: Graduate/professional standing

URPL 810 ENERGY ANALYSIS SEMINAR (3 credits)

Meets: 3:30pm-6:30pm Wednesday, Science Hall 175

Instructor: Scott Williams

Interdisciplinary seminar for the Energy Analysis and Policy Curriculum. Quantitative energy content and energy flows as an aid to problem analysis and policy formulation.

Requisites: Graduate/professional standing

URPL 833 PLANNING AND THE LEGAL SYSTEM (3 credits)*

Meets: 9:30am-10:45am Tuesday/Thursday, Music Hall 208

Instructor: Brian Ohm

An examination for students of planning of how the legal system influences community planning. Overview of the institutional framework for planning and the legal authority for tools used to create healthy and sustainable communities.

Requisites: Graduate/professional standing

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URPL 843 LAND USE POLICY AND PLANNING (3 credits)

Meets: 2:15pm-4:45pm Tuesday, Music Hall 208

Instructor: Carey McAndrews

Critical evaluation and analysis of land use policies and programs in relation to comprehensive planning and growth management issues in the U.S. The role of legislative and judicial processes and emerging public land use social values and philosophies in the development, regulation, and effectuation of innovative land use policies. Alternative land policy and growth guidance systems of select European countries.

Requisites: Graduate/professional standing

URPL 844 HOUSING AND PUBLIC POLICY (3 credits)**

Meets: 11:00am-12:15pm Monday/Wednesday, Music Hall 208

Instructor: Kurt Paulsen

Issues and methodological problems encountered in the production, financial, and consumption sectors of housing program design; comparisons with European and Third World country housing and public policy programs.

Requisites: Graduate/professional standing

URPL Courses Intended for Undergrad (MSURPL can take these as well)

URPL 463 EVOLUTION OF AMERICAN PLANNING (3 credits)

Meets: 11:00am-12:15pm Tuesday/Thursday, 208 Music Hall

Instructor: Kurt Paulsen

The nature and cultural significance of contemporary methods for the systematic formulation of public policies for community, metropolitan, and state development through comprehensive planning. Historic roots, recent trends and new directions in American planning concepts, institutions and professional specializations. Enroll Info: None

Requisites: Junior standing

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Cross-Listed Courses Available to MSURPL Students

URPL 305 INTRODUCTION TO THE CITY (4 credits)

Lecture Meets: 2:30pm -3:45pm Tuesday/Thursday, 3650 Mosse Humanities Building

Discussion Meets (Pick One): 4:00pm-4:50pm Tuesday, Science Hall 350; 5:00pm-5:50pm Tuesday, Science Hall 350; 9:55am-10:45am Wednesday, Science Hall 350; 11:00am-11:50am Wednesday, Science Hall 350; 12:05pm-12:55pm Wednesday, Science Hall 350; 1:20pm-2:10pm Wednesday, Science Hall 350; 12:05pm-12:55pm Thursday, Science Hall 350; 1:20pm-2:10pm Thursday, Science Hall 350

Instructor: Jenna Loyd

Investigates urbanization as a general process, as well as the resulting contemporary physical, social, cultural and political- economic forms of cities. As an ethnic studies class, emphasis will be placed on the history and current forms of spatial and social segregation of cities by race, class, ethnicity, and gender. The myriad ways that cities have addressed the tensions emerging from this history of spatial and social segregation will be highlighted. Further, emphasis will be placed on understanding the experiences of those most-affected by historical and continuing segregation.

Requisites: Sophomore standing

URPL 306 THE REAL ESTATE PROCESS (3 CREDITS)

Lecture Meets: 2:25pm-3:15pm Tuesday/Thursday, 1100 Grainger Hall **OR** 11:00am-12:15pm Tuesday/Thursday, 1170 Grainger Hall

Discussion Meets (Pick One): 6:00pm-6:50pm Tuesday, Grainger Hall 1190; 9:55am-10:45am Wednesday, Grainger Hall 1190; 11:00am-11:50am Wednesday, Grainger Hall 1190; 2:25pm-3:15pm Wednesday, Grainger Hall 1190; 6:00pm-6:50pm Wednesday, Grainger Hall 1190; 7:45am-8:35am Thursday, Grainger Hall 1190

Instructor: Lauren Lofton

Introductory survey course. Decision-making processes for the manufacture, marketing, management and financing of real estate space. Survey of institutional context, economics of urbanization, historical pattern and structure of city growth, and public policy issues regarding urban environment and business management.

Requisites: Sophomore standing and (ECON 101 or 111) or member of Business Exchange program

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URPL 373 INTRODUCTION TO SURVEY RESEARCH (3 credits)

Lecture Meets: 9:55am-10:45am Monday/Wednesday, Van Hise 594

Discussion Meets (Pick One): 8:50am-9:40am Monday, Ingraham Hall 115; 11:00am-11:50am Monday, William H. Sewell Social Science Building 6112; 8:50am-9:40am Wednesday, Ingraham Hall 115

Instructor: Eleanor Powell

Theory and practice of survey research; planning, sampling, questionnaire construction, interviewing, content analysis, machine tabulation, analysis of data; two hours lecture; two hours lab or field work.

Requisites: Sophomore standing

URPL 420 URBAN AND REGIONAL ECONOMICS (3 credits)

Lecture Meets: 11:00am-12:15pm Monday/Wednesday, 2335 Grainger Hall

Discussion Meets (Pick One): 1:00pm-2:15pm Monday/Wednesday, 1190 Grainger Hall; 2:30pm-3:45pm Monday/Wednesday, 1270 Grainger Hall

Instructor: Mark Eppli

Nature and structure of urban economies; location of economic activity; economic analysis in an urban framework; principles of urban economic development, housing, transportation, poverty and unemployment and municipal finance. Forecasting of economic activity using census and socioeconomic data.

Requisites: (ECON 101 or 111) or member of Business Exchange program

URPL 503 RESEARCHING THE CITY: QUALITATIVE STRATEGIES (3 credits)

Meets: 2:30pm-5:00pm Monday, Science Hall 378

Instructor: Jenna Loyd

Explores, and applies, qualitative methods in the field of urban geography. An introduction to debates around the analysis and interpretation of qualitative data is provided, grounded in concrete urban research. Participation in a three-day field course is required.

Requisites: None

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URPL 520 COMMUNITY ECONOMIC ANALYSIS (3 credits)

Meets: 9:00am-12:00pm Friday, Taylor Hall B30

Instructor: Steven Deller

Economic theory (location and growth) applicable to community economic development; the role of private and public sector in local economic development, and techniques for economic analysis of community.

Requisites: ECON 301 or 311 or graduate/professional standing

URPL 617 COMMUNITY DEVELOPMENT (3 credits)

Meets: 2:25pm-5:25pm Monday, Agriculture Hall 10

Instructor: Randy Stoecker

Social, cultural and personality factors influencing community development, with reference to developing countries as well as contemporary rural communities; consideration of theoretical and operational issues.

Requisites: Completion of an Introductory Sociology Course

URPL 671 ENERGY ECONOMICS (3 credits)

Meets: 9:30am-10:45am Tuesday/Thursday, 3024 Engineering Hall

Instructor: Sheldon Du

The method, application, and limitations of traditional economic approaches to the study of energy problems. Topics include microeconomic foundations of energy demand and supply; optimal pricing and allocation of energy resources; energy market structure, conduct, and performance; macro linkages of energy and the economy; and the economics of regulatory and other public policy approaches to the social control of energy.

Requisites: Graduate/professional standing or (senior standing and AAE 215, ECON 101, or 111)

URPL 718 WATER RESOURCES MANAGEMENT PRACTICUM PLANNING SEMINAR II (2 credits)

Meets: 12:30pm-2:00pm Monday, DeLuca Biochemistry Laboratories 1116

Instructor: Eric Booth

This seminar is used for planning the field work, analysis and reporting of the Summer Session Water Resources Management Practicum (ENVIR ST 719).

Requisites: Graduate/professional standing

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ADVANCED TOPICS IN PUBLIC FINANCE (1-4 credits)

Meets: 1:00pm-2:15pm Monday/Wednesday, William H. Sewell Social Science Building 6240

Instructors: Jesse Gregory, Matthew Wiswall

Advanced public finance problems and literature, research; subject changes each semester; may be repeated.

Requisites: ECON 713 and 714

URPL 878 PUBLIC MANAGEMENT (3 credits)

Meets: 12:05pm-2:00pm Thursday, 1510 Microbial Sciences Building **OR** 2:25pm-4:20pm Thursday, 1510 Microbial Sciences Building

Instructor: TBD

Role of administration in American government; problems of organization, bureaucracy and control; public policy as the output of the administrative process.

Requisites: Graduate/professional standing

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