UP 204 Chicago: Planning & Urban Life credit: 3 Hours.
Provides a broad introduction to social science theories and analysis methods, and uses the City of Chicago as a semester-long case study to examine how people, communities, and governments plan a city. Draws upon theories and methods of several social science disciplines including economics, geography, political science, anthropology, and sociology. Balances themes and concepts from the assigned readings with discussion of Chicago-specific case studies and hands-on application of fundamental analysis techniques. Credit is not given for both UP 204 and UP 203. Prerequisite: UP 101.

UP 205 Ecology & Environmental Sustainability credit: 3 Hours.
Basic ecological principles underlying environmental sustainability. Examination of problems that arise from inadequate consideration of structure and function of ecological systems, and approaches to ecological restoration and environmentally sound planning. Applications of principles to case studies drawn from urban planning, natural resource management and sustainable development.
This course satisfies the General Education Criteria for:
UIUC: Life Sciences

UP 210 Environmental Economics credit: 3 Hours.
Same as ACE 210, ECON 210, ENVS 210, and NRES 210. See ACE 210.
This course satisfies the General Education Criteria for:
UIUC: Social Sciences

UP 211 Local Planning, Gov't and Law credit: 3 Hours.
Provides students with a basic understanding of the governmental structure, legal aspects, and practice of local municipal planning, with special emphasis on case law, constitutional principles, zoning, subdivision regulations and comprehensive planning. Gives an introduction for students interested in pursuing more advanced studies in land use law and local government planning.

UP 260 Social Inequality and Planning credit: 3 Hours.
How are inequalities produced and contested in an urban environment? This course examines this question by analyzing how the urban landscape shapes and is shaped by race, class, and gender inequalities. Uses comparative cases to explore successful intervention, both from formal and informal, across multiple scales from the local to the global.
This course satisfies the General Education Criteria for:
UIUC: Social Sciences

UP 301 Capstone Preparation credit: 1 Hour.
Students work with capstone advisor to develop a plan to meet the capstone experience requirement. Students submit a proposal at the end of the semester. Approved for S/U grading only. Prerequisite: Junior standing.

UP 312 Communication for Planners credit: 4 Hours.
Integrates written, verbal, and graphic communication techniques into planning and analysis. Activities simulate professional situations where students develop skills and pieces of broader arguments and synthesize them into final products. Prerequisite: Completion of campus Composition I general education requirement.
This course satisfies the General Education Criteria for:
UIUC: Advanced Composition

UP 316 Urban Informatics II credit: 3 Hours.
Provides an introduction to formal methods for collecting and analyzing data required in various planning processes. Methods include survey research, regional demographic and economic analysis, forecasting techniques, benefit-cost analysis, and decision analysis. Prerequisite: UP 116 or an introductory statistics course.
This course satisfies the General Education Criteria for:
UIUC: Quant Reasoning II
UP 330 The Modern American City credit: 3 Hours.
Explore the transformation of the American city in its journey from abandonment to renewed growth. Cities today are sites of rapid change and experimentation with new ideas for how people can and should live. This course examines the resurgence of American cities, the challenges they face, and their transformation in the 21st century. Each week, class will focus on a different aspect of the modern American city—work, housing, globalization, high finance—and explore its promises, challenges, and implications for the future.

UP 335 Cities and Immigrants credit: 3 Hours.
Focuses on the experiences of United States cities and towns undergoing rapid demographic economic, social, and cultural changes and the local responses to those changes, including local policy making, land-use regulations, community controversy, and grassroots activism. Same as SOCW 335.

UP 340 Planning for Healthy Cities credit: 3 Hours.
Explores the evolving role of health in urban planning. Historical and current theories on the relationship between public health and the built environment are highlighted, as are prescriptions for healthy urban design. Community health planning, health disparities, and the needs of special populations in the city are also examined, along with some of the major policy issues affecting urban health care today.

UP 345 Economic Development Planning credit: 3 Hours.
Public-private-partnerships in urban economic development, including study of potentials, problems, and projects; financing urban economic development through federal grant programs, tax increment financing, and other means.

UP 347 Junior Planning Workshop credit: 6 Hours.
Introduction to planning practice, with an emphasis on physical planning skills. Includes field observation, spatial data analysis, professional communication, and design. Prerequisite: UP 205, UP 312, UP 260 and UP 316.

UP 357 The Land Development Process credit: 3 Hours.
The planning practice requires an understanding of the land development process. In this course students will learn about the decision process used for land development and the technical skills required for reading site plans. The course provides the essential skills necessary in the field of public-sector planning. Developers are required to make key determinations in the decision process for developing land. Planners are required to understand these decisions and they must possess the ability to interpret proposed site plans for development. This includes an understanding of existing conditions of land proposed for development and the impact of new development on the site and surrounding areas. This course contains three primary components in teaching an understanding of the land development process. They are: Understanding Market Decision for Developing Land; Reading Site Plans; and Assembling a Development Plan. Credit is not given for UP 357 if credit for UP 347 has already been given. Prerequisite: UP 312: Communication for Planners is highly recommended or basic familiarity with InDesign, Illustrator, and SketchUp.

UP 390 Planning Internship credit: 0 to 4 Hours.
Professionally supervised field experience in public and private planning or development agencies. Designed to introduce students to professional employment and actual planning practice. Students work in an agency of their own choice, subject to departmental approval, either during the summer session or part-time during a regular term. At least two weeks of full-time employment or its equivalent is required for each term hour of credit to a maximum of 4 hours. Summary reports are submitted by both employer and student. Approved for S/U grading only. May be repeated. Counts toward the Capstone Experience Requirement. Prerequisite: Upper division undergraduate standing in urban planning.

UP 397 Undergraduate Project credit: 1 to 3 Hours.
Special projects and applied research related to real world urban problems and professional practice. One credit hour requires approximately 80 hours of work. May be repeated up to 3 hours. Counts toward the Capstone Experience Requirement. Prerequisite: Upper division standing in Urban Planning and consent of Capstone advisor.

UP 398 Undergraduate Thesis credit: 0 to 4 Hours.
Research and writing of an undergraduate thesis. Requires approximately 200 hours of work. May be repeated up to 4 times. Counts toward the Capstone Experience Requirement. Prerequisite: Senior standing in Urban Planning and consent of advisor.

UP 401 Undergraduate Capstone Seminar credit: 1 Hour.
Seminar for peer discussion about the capstone experience and required capstone experience presentation. Students will attend lectures and workshops about career opportunities, resume writing, interviewing, and networking. Meets on a monthly basis. 1 undergraduate hour. No graduate credit. Approved for S/U grading only. May be repeated in separate terms up to 2 hours. Prerequisite: Senior standing.

UP 405 Watershed Ecology and Planning credit: 4 Hours.
Uses the watershed as the basic organizing concept in environmental planning and management; methods for assessing watershed boundaries, soils, land use, and groundwater system processes and developing plans for watershed protection. Emphasizes ecological implications of patterns of land use on functional and qualitative aspects of watershed systems. All-day field trip required. 4 undergraduate hours. 4 graduate hours. Prerequisite: Should have a previous course in environmental science.

UP 406 Urban Ecology credit: 4 Hours.
Examines cities as natural systems, combining ecological analyses with historical, anthropological, and sociological studies of urban nature. Addresses ecological sustainability, growth management, biodiversity, restoration, and environmental justice. Required field trip. Same as ENVS 406. 4 undergraduate hours. 4 graduate hours.

UP 407 State and Local Public Finance credit: 4 Hours.
Provides students with an understanding of the fundamental concepts of fiscal planning at the state and local levels of government. Addresses both the theory and methods of state and local finance, focused on state and local fiscal policy. Addresses emerging policy issues involving land use and taxation, spending and budgeting, intergovernmental cooperation, debt financing, financing for economic development, and privatization. 4 undergraduate hours. 4 graduate hours.

UP 418 GIS for Planners credit: 4 Hours.
Detailed introduction to the design and use of computerized geographic information systems, focusing on their significance for planning. Emphasizes GIS within an institutional setting, covering not only fundamental technical concepts, but also organizational, management, and legal issues. Students will be introduced to GIS applications and products through readings, videos, demonstrations, and exercises. Computer laboratory work is included. 4 undergraduate hours. 4 graduate hours. Prerequisite: Upper division undergraduate or graduate standing.
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UP 470 Shrinking Cities credit: 4 Hours.
This seminar examines urban shrinkage—a phenomenon typically associated with population loss, but also characterized by obsolescence, disinvestment, and abandonment. While some cities thrive and struggle to house the global urban majority, other cities face the stark reality of shrinkage and decline. What should we do to envision and enact a viable future for our shrinking cities? This course will be taught as a seminar, using readings, student facilitated discussions, and lectures as a means for creating a shared understanding around urban shrinkage. Literature from Planning, Economics, Sociology, and other areas will contribute to discussions of the meaning of urban decline as a set of social, economic, and spatial phenomena. Some seminar sessions will be "lab" sessions, focused on developing your analytical skillset via qualitative and quantitative methods. 4 undergraduate hours. 4 graduate hours. Credit is not given for UP 470 if credit for UP 494-AG has been given. Prerequisite: Students must have at least a junior standing.

UP 473 Housing & Urban Policy credit: 4 Hours.
The role of housing in American social policy planning: the history of public and private intervention in housing, regulation of supply and demand within housing markets and market imperfections; analysis of public policies for housing as they affect special populations (for example, the poor, the elderly, the disabled, homeless, and minorities). 4 undergraduate hours. 4 graduate hours.

UP 474 Neighborhood Revitalization credit: 4 Hours.
Examines rationale and techniques for planning at the neighborhood level; the major social, political, and economic issues that confound public and private sector efforts to revitalize distressed neighborhoods. 4 undergraduate hours. 4 graduate hours.

UP 475 Real Estate Development Fundamentals credit: 4 Hours.
This course will provide an introduction to the fundamental concepts and techniques applied in the real estate development process. In addition, this course will examine both the broader economic and social context in which real estate development is situated as well as how various professions interact within this context. Course assessments will include several case study assignments and a group project using an actual development site that will provide students with the chance to apply the concepts and techniques learned in the course, culminating in a final report and presentation. The overall objective of the course is to provide students with a useful framework for understanding the real estate development process, allowing them to identify viable development opportunities and analyze real estate development projects, while weighing the economic, social, and environmental costs and benefits for a community. 4 undergraduate hours. 4 graduate hours. Credit is not given for UP 475 if credit was already given for UP 494-RE. Prerequisite: This course has no prerequisites, however, having had at least an introductory urban planning class would be helpful. Upper-level or graduate standing is recommended.

UP 478 Community Development Workshop credit: 4 Hours.
Application of community development principles and techniques to the solution of environmental, economic and social problems facing low income urban communities. Involves small group projects and off-campus field work in collaboration with community leaders. 4 undergraduate hours. 4 graduate hours. Prerequisite: UP 260, senior or graduate standing, or consent of instructor.

UP 480 Sustainable Design Principles credit: 2 Hours.
Introduction to key concepts for the sustainable design of buildings and landscapes, including concepts that form the core of the U.S Green Building Council rating system (LEED). Introduction to LEED accreditation. 2 undergraduate hours. 2 graduate hours.

UP 481 Urban Communities & Public Pol credit: 3 or 4 Hours.
Same as AFRO 481 and SOC 472. See AFRO 481.

UP 493 Democracy and Environment credit: 3 or 4 Hours.
Same as GEOG 493, NRES 494, SOC 493. See GEOG 493.

UP 494 Special Topics in Planning credit: 1 to 6 Hours.
Seminar on topics of current interest, as announced in the Schedule. 1 to 6 undergraduate hours. 1 to 6 graduate hours. May be repeated to a maximum of 16 hours.

UP 501 Planning History and Theory credit: 4 Hours.
Offers students a survey of classic and contemporary theories of planning. Students will gain a deeper appreciation for the profession’s roots as well as be introduced to some of "the theoretical tools” used to analyze planning. An important aspect of the course is intellectual dialogue through critical reading, informed discussion and writing assignments. Prerequisite: Graduate standing in Urban Planning or consent of instructor.

UP 503 Physical Planning credit: 4 Hours.
Provides grounding in the issues and principles underlying physical planning; lecture and discussion sessions are complemented by project work that applies principles and methods. Prerequisite: Graduate standing in Urban Planning or consent of instructor.

UP 504 Urban History and Theory credit: 4 Hours.
Historical and international comparison of the origins and evolution of cities, the process of urbanization, and the human endeavor to effect urban growth and change. Includes history of urban physical form and of planning efforts, emphasizing planning origins in the nineteenth century and transnational influences. Includes equity issues of urban spatial arrangement, including racial segregation and housing market differentiation. Covers elements of urban physical form, including grid and organic structure, commercial city forms, the urban skyline, and urban sprawl. Prerequisite: Graduate standing in Urban Planning or consent of instructor.

UP 505 Urban and Regional Analysis credit: 2 or 4 Hours.
Techniques, data sources, and skills for analyzing regions as economic, social, and spatial systems. The first half of the course focuses on understanding current conditions and trends, and the second half on forecasting most likely and alternative futures. Students may opt to enroll for only the first 8 weeks and receive 2 hours of credit. Prerequisite: Graduate standing in Urban Planning or consent of instructor.

UP 508 Survey Design and Analysis credit: 2 Hours.
Design of primary data collection instruments, focusing on the large sample survey. Discusses techniques for implementing qualitative and physical data collection by mail, web, and phone. Students learn multivariate statistical techniques for analyzing survey results.

UP 509 Economics for Planners credit: 4 Hours.
Exploration of how economics can contribute to understanding and solving urban problems. Application of economic analysis and reasoning to the important issues that planners confront, including zoning, land use, housing investment, and transportation. Focuses also on skills to use economic methods effectively.
UP 510 Plan Making credit: 4 Hours.
Provides skills to develop a wide range of plans and an understanding
of the processes to implement them. Topics covered include planning
analysis, political constraints of planning and planning ethics, techniques
of negotiation, facilitation, mediation, and presentation to the public.
Uses a general framework for plan making that includes plan review,
problem framing, information gathering, alternative modeling, scenarios
development, impact assessment, and alternatives evaluation. Students
will work on applied tasks individually and in groups. Prerequisite:
Graduate standing or consent of instructor.

UP 511 Law and Planning credit: 4 Hours.
Examines the legal framework within which planning takes place in
urban areas of this country. Emphasizes the role of law in structuring
local government responses to social, economic and physical planning
issues and in allocating power among local governments, between
local governments and state and federal governments, and between
governments and the private sectors of society. Course may not be
repeated for credit.

UP 519 Advanced Applications of GIS credit: 4 Hours.
Advanced course in geographic information systems emphasizing
application of GIS to problems involving spatial analysis. Building upon
fundamental concepts, students learn to use GIS software frequently
found in planning practice. Also prepares students to use GIS in research
requiring management and analysis of geographic data. Extensive use of
computing workstations. Prerequisite: UP 418 or consent of instructor.

UP 521 International Planning Seminar credit: 4 Hours.
Advanced graduate seminar concerning urban and regional development
processes in a global context. Closely examines critical issues and select
topics in international development planning based upon individual
research readings. Prerequisite: Consent of instructor.

UP 533 Community In American Society credit: 4 Hours.
Same as HDFS 533 and SOC 572. See HDFS 533.

UP 535 Local Policy & Immigration credit: 4 Hours.
Examines major issues confronting urban planners, administrators,
elected officials and community activists working in highly diverse
communities that are undergoing rapid demographic, economic, social,
and cultural change. Focuses specifically on local policy-making in
communities with large numbers of immigrants, particularly in cities
and regions in the United States, Canada, Australia and Europe. Same as
LA 535 and SOCW 535.

UP 543 Environmental Policy & Planning credit: 4 Hours.
Examines environmental policy and planning from both theoretical
and applied perspectives. Provides an overview of the elements of
environmental policy at national and state levels and investigates local
implementation of environmental policies. Students will learn how
local environmental planning practice fits within the broader context
of environmental policies. Intended for graduate students in Urban and
Regional Planning, but also open to graduate students with appropriate
background and interests from Landscape Architecture, Geography, and
relevant social sciences. Prerequisite: Graduate standing in Urban and
Regional Planning or consent of instructor.

UP 545 Economic Development Policy credit: 4 Hours.
Explores and evaluates urban and regional economic development policy
in the U.S. Taking the twin lenses of cities and urbanized regions, it asks
why the public sector engages in economic development; how the goals
of economic development are defined; and how different policies attempt
to steer economic activity and jobs to particular places. The course pays
special attention to the question of equity, asking who will benefit from
different policies.

UP 546 Land Use Policy and Planning credit: 4 Hours.
Examines a variety of approaches to land use policy and planning, from
both a theoretical and an applied perspective. Explores different values in
American land use policy, recent evolution of land use policy. Taught as a
seminar.

UP 547 Regional Planning and Policy credit: 4 Hours.
When are regional approaches more common and why? This course
builds knowledge of principles and practices to tackle challenges that
go beyond the geographical or disciplinary domain of a single agency.
Through readings, seminar discussions, and assignments, students
will develop an understanding of problems and settings that involve
multiple jurisdictions and actors. Topics will address crosscutting issues
such as affordable housing, foreclosures, fiscal stability, and spatial
inequality. Prerequisite: Intended for graduate students in Urban and
Regional Planning, and others with appropriate background and interests
from Public Administration, Political Science, Natural Resources, Civil
Engineering, Landscape Architecture, Geography, and relevant social
sciences.

UP 552 Regional Development Theory credit: 4 Hours.
Covers fundamental concepts and theories of regional economic
development including export base, neoclassical and endogenous
growth, regional convergence, core-periphery, interregional trade, product
cycle, industrial districts, entrepreneurship, and regional innovation
systems theories. Also discusses policy and planning frameworks for
applying regional theory to spatial development problems. Same as
ACE 552. Prerequisite: UP 445 and UP 407, or consent of instructor.

UP 555 Economic Impact Analysis credit: 2 Hours.
Same as ACE 555. See ACE 555.

UP 556 Regional Science Methods credit: 4 Hours.
Same as GEOG 556. See GEOG 556.

UP 557 Seminar in Regional Science credit: 4 Hours.
Same as GEOG 557. See GEOG 557.

UP 576 Sustainable Urban Systems credit: 4 Hours.
Same as CEE 592 and NRES 592. See CEE 592.

UP 578 Ethnography Urban Communities credit: 4 Hours.
Same as AFRO 552, HCD 543, and SOC 578. See AFRO 552.

UP 580 Advanced Planning Theory credit: 4 Hours.
Recent advances in planning, policy-making and decision-making
theories as they relate to the efficient use of land and to the complex
interrelationships among the major uses of land, i.e., housing,
transportation, agriculture; specific applications vary annually, reflecting
the students’ dissertation research topics. Prerequisite: UP 501 or
consent of instructor.

UP 585 Advanced Modeling in Planning credit: 4 Hours.
Seminar on formal models used to analyze planning problems and
planning behavior. Includes static and dynamic, linear and non-linear,
and deterministic and stochastic optimization models. Derivations of
models and methods for solution treated in depth, but the emphasis is on
applications to planning problems such as transportation, land use, and
environmental management. Specific themes change from year to year.
Prerequisite: UP 505 and UP 508, or consent of instructor.
**UP 587 Qualitative Research Methods** credit: 4 Hours.
Students use individual research to practice qualitative methods of studying social interaction. Includes field research and historical/archival research methods; project areas include community development, environment, and landscape. Discussion is divided between 1) readings on issues such as techniques and research design, social theory, ethnocentrism, and combining qualitative with quantitative research and 2) student research reports. Same as GEOG 587.

**UP 589 Research Design and Methods** credit: 4 Hours.
Prepares students to embark on thesis research and independent grant proposals. Introduces the phases of research design process, including literature review, identification of the research problem, statement of research objectives and questions, establishment of the conceptual framework, and selection of methods, sampling strategies, measurements, and analyses that are most suitable to address the research questions. Provides an overview of the commonly used quantitative and qualitative research methods, e.g., survey, quasi-experiment, and case study. Guides students through the process of writing and reviewing a research proposal and providing feedback to others. Prerequisite: Enrollment in a PhD program or consent of instructor.

**UP 590 Professional Internship** credit: 0 Hours.
Summer, part-time, or other professional-level employment in the field of planning, usually in an area of concentration; exposure to the social, political, and institutional setting in which planning operates; and full documentation of internship activities required. Approved for S/U grading only. Prerequisite: Consent of instructor.

**UP 591 Capstone Seminar** credit: 0 Hours.
Provides general capstone advising to MUP students. Seminar is used for peer discussion and feedback about work in progress, as well as to organize for the capstone poster session held each spring semester. Meets on a monthly basis. Approved for S/U grading only. May be repeated in separate terms.

**UP 594 Seminar** credit: 1 to 6 Hours.
Selected topics in urban and regional planning; several sections each term. May be repeated.

**UP 596 Independent Study** credit: 0 to 8 Hours.
Independent study in selected urban and regional planning topics under the supervision of an appropriate member of the faculty. Can be used by doctoral students for synthesis paper requirement. Approved for both letter and S/U grading. May be repeated to a maximum of 8 hours if topics vary.

**UP 597 Urban Planning Research** credit: 1 to 4 Hours.
Individual research work under the supervision of an appropriate member of the faculty. Approved for S/U grading only. May be repeated to a maximum of 8 hours. May be used by doctoral students for the research paper requirement. Prerequisite: Graduate Standing in Urban and Regional Planning, consent of instructor, and consent of the Department.

**UP 598 Master's Project** credit: 4 or 8 Hours.
Major independent or small group project applying planning principles and methods to a current problem in urban and regional planning resulting in a final professional product. Approved for S/U grading only. Prerequisite: Graduate standing in Urban and Regional Planning, consent of instructor, and consent of the Department.

**UP 599 Thesis Research** credit: 0 to 16 Hours.
Approved for S/U grading only. May be repeated to a maximum of 8 hours for Master's students. May be repeated to a maximum of 16 hours for PhD students. Prerequisite: Graduate standing in Urban and Regional Planning, consent of instructor, and consent of the Department.