

# RCPL-REGIONAL & CITY PLANNING

## **RCPL 3440 Mentored Research Experience 3 Credit Hours**

0 to 3 hours. Prerequisites: ENGL 1113 or equivalent, and permission of instructor. May be repeated; maximum credit 12 hours. For the inquisitive student to apply the scholarly processes of the discipline to a research or creative project under the mentorship of a faculty member. Student and instructor should complete an Undergraduate Research & Creative Projects (URCP) Mentoring Agreement and file it with the URCP office. Not for honors credit. (F, Sp, Su)

## **RCPL 4003 The Global City and Planning Issues 3 Credit Hours**

(Crosslisted with GEOG 4003; Slashlisted with 5003) Prerequisite: English 1213 and junior standing. An introduction to the concept of globalization and its effects on cities, and the city planning issues related to those effects. Characteristics, theories, and strategies of city development are reviewed. Cities are observed from several perspectives: natural and built environment, governance, society, economics, and history. No student may earn credit for both 4003 and 5003. (Sp)

## **RCPL 4043 Chinese Architecture, Landscape Architecture and Cities 3 Credit Hours**

(Slashlisted with 5043) Prerequisite: Junior or Senior standing. Introduces traditional and modern architecture, landscape architecture, and urban form in China. Intensive lecture and an instructor-guided field trip to Beijing, Shanghai, Xian, Suzhou, and Hangzhou. No student may earn credit for both 4043 and 5043. (Irreg.)

## **RCPL 4213 Principles and Practice of Urban Planning 3 Credit Hours**

(Slashlisted with RCPL 5213) Prerequisite: Junior standing. The field of urban and regional planning is a multi-dimensional discipline that seeks, by its actions, to promote the public purpose. What falls within the embrace of the public purpose varies by and within each jurisdiction. This survey course is about how the planning process, and specifically urban planners, help identify and cultivate that purpose across special interests. A student may not earn credit for both 4213 and 5213. (F)

## **RCPL 4253 Transportation and the City 3 Credit Hours**

Prerequisite: Junior standing. This course introduces students to the various modes of transportation: freight, auto, rail, mass transit, bicycle, pedestrian, among others. Students will explore the barriers to the success of these systems and examine best practices about how such deficiencies can be improved to increase urban vitality. (Sp)

## **RCPL 4463 Geographic Information Systems for Land Use Planning 3 Credit Hours**

(Slashlisted with RCPL 5463) Prerequisite: junior standing. This introductory course is concerned with theories, models, and techniques for geographical information system (GIS) and its associated spatial data management, spatial analysis, and quantitative modeling within a GIS environment for effective socio-economic decision-making for problems in the field of regional and city planning. Introduces the regional and city planning applications of micro computer-based mapping and geographic information systems. No student may earn credit for both 4463 and 5463. (F)

## **RCPL 4863 Environmental Assessment Methodologies 3 Credit Hours**

Prerequisite: CEES 3603 or graduate standing. Develop knowledge of various environmental assessment methodologies or "tools," including assessments of socio-economic, physical/chemical and biological impacts at the pre-project, operational and post-project phases on human and non-human components of the environment. (Sp)

## **RCPL 4960 Directed Readings 1-4 Credit Hours**

1 to 4 hours. Prerequisite: good standing in University; permission of instructor and dean. May be repeated; maximum credit four hours. Designed for upper-division students who need opportunity to study a specific problem in greater depth than formal course content permits. (Irreg.)

## **RCPL 4970 Special Topics/Seminar 1-3 Credit Hours**

1 to 3 hours. Prerequisite: Senior standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)

## **RCPL 4990 Independent Study 1-3 Credit Hours**

1 to 3 hours. Prerequisite: Senior standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)

## **RCPL 5003 The Global City and Planning Issues 3 Credit Hours**

(Crosslisted with GEOG 5003; Slashlisted with 4003) Prerequisite: graduate standing. An introduction to the concept of globalization and its effects on cities, and the city planning issues related to those effects. Characteristics, theories, and strategies of city development are reviewed. Cities are observed from several perspectives: natural and built environment, governance, society, economics, and history. No student may earn credit for both 4003 and 5003. (Sp)

## **RCPL 5013 History and Theory of Urban Planning 3 Credit Hours**

(Crosslisted with P SC 5013) Prerequisite: open to seniors in social science departments, civil engineering and architecture, and to graduate students in regional and city planning. An introductory course on the history and theory of contemporary planning, focusing on the physical, social, institutional and economic structure and dynamics of human settlements, and on the role and responsibilities of the professional planner. (F)

## **RCPL 5033 Sociology of Housing 3 Credit Hours**

(Crosslisted with SOC 5033) Prerequisite: 12 hours of sociology and graduate standing; open to graduate students in regional and city planning. A study of major developments in housing in the U.S. since 1860, including housing reform agitation, sociological problems, ecological patterns of housing areas, minimum standards for healthful housing, government intervention and its current role, and problems of providing adequate housing for different social groups. (F)

## **RCPL 5043 Chinese Architecture, Landscape Architecture and Cities 3 Credit Hours**

(Slashlisted with 4043) Prerequisite: Graduate standing. Introduces traditional and modern architecture, landscape architecture, and urban form in China. Intensive lecture and an instructor-guided field trip to Beijing, Shanghai, Xian, Suzhou, and Hangzhou. No student may earn credit for both 4043 and 5043. (Irreg.)

## **RCPL 5053 Planning Management 3 Credit Hours**

Prerequisite: 5525. Planning management draws on the skills and experiences in previous courses, internships, and/or planning studio to prepare students for the day-to-day life of a professional planner. Topics covered include planners' roles in a democratic society, citizen participation, planning ethics, communication and presentation skills, project management, proposal and grant writing, and systems management. (Sp)

**RCPL 5113 Urban Planning Research Methods 3 Credit Hours**

Prerequisite: graduate standing or permission of instructor. Introduces the basic research and statistical methods used by urban planners and related professions. The course emphasizes application of statistical methods to urban planning problems. (F)

**RCPL 5173 Urban and Regional Analysis 3 Credit Hours**

(Crosslisted with ECON 5173) Prerequisite: 5113 or equivalent. A lecture-seminar-problems-oriented course designed to acquaint the student with the scientific techniques used to analyze urban and regional social, economic, political and environmental problems. Oriented to reflect requirements for studies leading to the preparation of goals, policies and plans for urban and regional scale development. (Sp)

**RCPL 5203 Urban Land Use Controls 3 Credit Hours**

(Crosslisted with SOC 5203) Prerequisite: open to seniors in social sciences, architecture and civil engineering, and to graduate students in regional and city planning. A study of the historical development of property systems; of zoning law, ordinance preparation, and administrative procedures; of subdivision regulations and other codes used in the regulation and control of land use. (Sp)

**RCPL 5213 Principles and Practice of Urban Planning 3 Credit Hours**

(Slashlisted with RCPL 4213, Crosslisted with GEOG 5213) Prerequisite: open to seniors in social science departments, architecture and civil engineering, and to graduate students in regional and city planning. Examines the physical, social, economic, and public interest determinants of land use; the economic, population, and land use studies required to provide the basis for planning; space and location requirements and design characteristics for residential, commercial, industrial, and public uses of land; and the study of urban traffic as a function of land use in terms of structure and systems of movement. A student may not earn credit for both 4213 and 5213. (F)

**RCPL 5353 State and Local Public Finance and Budgeting Systems 3 Credit Hours**

(Crosslisted with P SC 5353) Prerequisite: graduate standing or permission. An overview of the process and methods for local capital improvement programs and capital budget preparation, and an examination of the relationships between local development policies and fiscal decision making, including revenue potential. (Irreg.)

**RCPL 5453 Public Mass Transportation Systems 3 Credit Hours**

(Crosslisted with CEES 5453) Prerequisite: 3884 or permission of instructor. Service characteristics of the principal modes of public mass transportation with emphasis on urban transit (fixed-route bus, light rail, subways, commuter rail, paratransit, taxi); legislation and regulations; institutional structures; financing; need and demand studies; planning strategies; management; operations and record keeping; case studies of leading systems. (Irreg.)

**RCPL 5463 Geographic Information Systems for Land Use Planning 3 Credit Hours**

(Slashlisted with RCPL 4463) Prerequisite: graduate standing or permission of instructor. This introductory course is concerned with theories, models, and techniques for geographical information system (GIS) and its associated spatial data management, spatial analysis, and quantitative modeling within a GIS environment for effective socio-economic decision-making for problems in the field of regional and city planning. Introduces the regional and city planning applications of micro computer-based mapping and geographic information systems. No student may earn credit for both 4463 and 5463. (F)

**RCPL 5483 Urban and Regional Transportation Planning 3 Credit Hours**

(Crosslisted with CEES 5483) Prerequisite: graduate standing or permission. Characteristics of urban and regional passenger and freight demand; travel demand forecasting methodologies; long- and short-range planning strategies; role of governments; characteristics of major modes of transport; decision-making strategies; case studies. (Sp)

**RCPL 5493 Transportation and Land Development 3 Credit Hours**

(Crosslisted with CEES 5493) Prerequisite: graduate standing or permission. Study of interactions between land development activity and the transportation network. Application of planning and design techniques to manage the impacts of development upon the transportation system.

**RCPL 5513 Subdivision and Planned Unit Development Planning 3 Credit Hours**

Prerequisite: graduate standing. Theories, concepts, and methods used to plan and assess the subdivision of land based on typical legal code requirements. Topics include legal requirements, human settlement issues, economic aspects, environmental analysis, infrastructure systems, land use, and city planning requirements of preliminary and final plats. (Sp)

**RCPL 5522 Comprehensive RCPL Project: Reporting and Implementation 2 Credit Hours**

Prerequisite: Graduate standing. This is the second course in a two-course sequence that is intended to fulfill the 5-credit studio requirement in Masters of Planning curriculum and Studio V in the MLA curriculum. This second course focuses the data analysis and presentation of recommendations to a community. This will involve quantitative or qualitative analysis of gathered data, the development of recommendations and the preparation of professional deliverables to a client. Laboratory (F, Sp, Su)

**RCPL 5523 Comprehensive RCPL Project: Research and Plan Making 3 Credit Hours**

Prerequisite: Graduate standing. This is the first course in a two-course sequence that is intended to fulfill the 5-credit studio requirement in Masters of Planning curriculum and Studio V in the MLA curriculum. This first course focuses the data collection for community projects as well as community engagement aspects of professional planning practice. These elements are often the most time consuming elements of professional practice and usually precede actually "plan making". These will include engaging in quantitative or qualitative data collection as well as facilitating opportunities for citizen participation in planning for their communities. Laboratory (F, Sp, Su)

**RCPL 5525 Comprehensive Regional And City Planning Project 5 Credit Hours**

Comprehensive Regional And City Planning Project. Prerequisite: 5513 Or 5515. Theories, Concepts, And Methods Used To Develop And Implement A Comprehensive Regional Or City Plan. Topics Include The Methods To Assess, Analyze, Plan, And Implement The Elements Of A Comprehensive Plan Such As Citizen Participation, Human Settlement Issues, Demographics And Economics, Environmental Factors, Infrastructure Systems, Transportation Systems, Land Use, Community Facilities, And Typical Legally Mandated City Planning Processes. Laboratory (F)

- RCPL 5653 Urban Design Seminar 3 Credit Hours**  
(Crosslisted with ARCH 5653) Prerequisite: permission of instructor. May be repeated with change of content; maximum credit six hours. Advanced seminar in urban design problems and issues through an in-depth and on-site investigation and evaluation of significant national and international urban development projects. Topics covered will be announced by instructor in the term prior to course offerings. (F, Sp)
- RCPL 5713 Urban Economic Development Planning 3 Credit Hours**  
Prerequisite: graduate standing or permission of instructor. An introductory course on planning for economic development in the United States at the local, substate and state level. Topics include organizing the economic development planning process, identifying appropriate development strategies, the role of different community components, business attraction and retention, infrastructure issues, industrial parks, financing, training, and programmatic assistance currently available. (Sp)
- RCPL 5723 Community Development and Revitalization 3 Credit Hours**  
Prerequisite: graduate standing or permission. An overview of community development, revitalization and preservation programs, their historical context, principles and procedures, current approaches and function in the planning process. Topics also include housing, public/private cooperation, financing methods, historic issues, legal context and case studies. Laboratory (F, Sp)
- RCPL 5733 Real Estate Development in Urban Planning 3 Credit Hours**  
Prerequisite: graduate standing or permission. A survey of the real estate development process that introduces the urban planner and other professions to the concepts and terminology of essential topics, beginning with site selection and including financing, zoning, forms of ownership, market feasibility, information resources, working with related professions, marketing and transferring ownership of property.
- RCPL 5813 Environmental Planning Methods 3 Credit Hours**  
Prerequisite: graduate standing or permission. An introduction to the use of environment factors in the urban planning process. Current methodologies for minimizing detrimental environmental impacts are introduced and applied to case study examples. Alternative approaches are compared and contrasted.
- RCPL 5823 Rural and Regional Planning 3 Credit Hours**  
Prerequisite: graduate standing or permission of instructor. Examines regional planning and the methods it utilizes. Explores issues of land use competition, federal and state land utilization policies, and other matters pertaining to rural regional environmental planning process. (Sp)
- RCPL 5853 World Economic Development 3 Credit Hours**  
(Crosslisted with ECON 5853) Prerequisite: graduate standing. The economics of the developing nations; a review and analysis of common problems and issues. (Irreg.)
- RCPL 5893 Historic Preservation Planning 3 Credit Hours**  
Prerequisite: Graduate standing. Through this course, students will: understand and be able to articulate the social and economic values associated with preservation; Gain exposure to and understanding of local, state and federal guidelines for delineation and regulation of historic districts and buildings; Develop case studies in economic feasibility and adaptive reuse, reconstruction and rehabilitation; Understand the role of the State Historic Preservation Office; Understand design-based and economic development based community and district revitalization strategies. (F)
- RCPL 5960 Directed Readings 1-6 Credit Hours**  
1 to 6 hours. Prerequisite: enrollment in regional and city planning. May be repeated; maximum credit six hours. Designed to permit the individual student to read extensively in one or more phases of urban or regional planning. (F, Sp)
- RCPL 5970 Special Topics/Seminar 1-3 Credit Hours**  
1 to 3 hours. Prerequisite: Graduate standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)
- RCPL 5980 Research for Master's Thesis 2-9 Credit Hours**  
Variable enrollment, two to nine hours; maximum credit applicable toward degree, four hours. (F, Sp, Su)
- RCPL 5990 Special Studies in Urban and Regional Planning 2-6 Credit Hours**  
2 to 6 hours. Prerequisite: enrollment in regional and city planning. May be repeated with change of subject matter; maximum credit 15 hours. A research problems course designed for the specific needs of students desiring intensive study in a specialized phase of urban or regional planning. Studies are provided in urban and regional analysis, community organization and action programs, and similar areas of concern. Laboratory (F, Sp, Su)
- RCPL 6520 Field Studies 1-6 Credit Hours**  
1 to 6 hours. Prerequisite: 5213, 5613, enrollment in regional and city planning or permission of staff. Provides the individual student with practical experience in working on a professional staff on a specific planning project. The design of the project and the staff situation under which the student will work is carefully controlled to provide opportunity for significant and meaningful experience. (F, Sp, Su)
- RCPL 6643 Urban Design Theory 3 Credit Hours**  
(Crosslisted with L A 6643 and ARCH 6643) Prerequisite: graduate standing. A survey of theory relevant to the urban design process, including social and behavioral concepts, visual and aesthetic theory, spatial and geographic factors of urban form. (Sp)
- RCPL 6960 Directed Readings 1-3 Credit Hours**  
1 to 3 hours. Prerequisite: graduate standing or permission of instructor. May be repeated; maximum credit six hours. Directed readings and/or literature review under the direction of a faculty member. (Irreg.)
- RCPL 6970 Special Topics/Seminar 1-3 Credit Hours**  
1 to 3 hours. Prerequisite: graduate standing or permission of instructor. May be repeated; maximum credit 12 hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or research and field projects. (Irreg.)
- RCPL 6990 Independent Study 1-3 Credit Hours**  
1 to 3 hours. Prerequisite: Graduate standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)