

RCPL-REGIONAL & CITY PLANNING

RCPL 3440 Mentored Research Experience 3 Credit Hours

0 to 3 hours. Prerequisite: 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 4033 Sociology of Housing 3 Credit Hours

(Slashlisted with RCPL 5033; Crosslisted with SOC 4033) Prerequisite: ENGL 1213 or EXPO 1213, Junior standing, and Departmental Permission. This course introduces students to socioeconomic, political, and equity issues in housing. Students will engage with planning and policy issues to understand the history of housing and interventions for diverse populations. Topics will cover primarily U.S. Housing policy and practices with some comparative international examples. No student may earn credit for both 4033 and 5033. (Irreg.)

RCPL 4063 Planning with Diverse Communities 3 Credit Hours

(Slashlisted with RCPL 5063) Prerequisite: Completion of ENG 1213 or EXPO 1213, Junior Standing, and Department or Instructor Permission. As cities become more diverse, planning with various communities becomes increasingly complex and challenging. This upper-division undergraduate and graduate course is intended to introduce students to issues related to diversity and inequality. Aspects of diversity (e.g., race/ethnicity, gender, class, sexuality, national origin, abilities, etc) and their intersections with planning and urban policy and development issues are discussed. No student may earn credit for both 4063 and 5063. (Irreg., Sp)

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. No student may earn credit for both 4213 and 5213. (F)

RCPL 4263 Infrastructure Planning 3 Credit Hours

(Slashlisted with RCPL 5263) Prerequisite: Permission of the instructor. Course focuses on several major topics related to planning of community infrastructure: an overview of major infrastructure systems; the relationship between larger planning goals such as growth management, economic development, and sustainability and infrastructure; as well as municipal budgeting and financing techniques for infrastructure projects. No student may earn credit for both 4263 and 5263. (F)

RCPL 4273 International Development Planning 3 Credit Hours

(Slashlisted with RCPL 5273) Prerequisite: Permission of Instructor. This course is open to both graduate and undergraduate students interested in improving the quality of life for people living in the developing world. It will explore what has been tried, what has been learned, and what are the current challenges in expanding human opportunity through international development efforts in middle and low income countries. No student may earn credit for both 4273 and 5273. (Irreg.)

RCPL 4283 Public Health and the Built Environment 3 Credit Hours

(Slashlisted with RCPL 5283) Prerequisite: Permission of the instructor. The intersection of public health and planning is a critical new area for both theory and professional practice. Planning the built environment is an essential part of improving physical activity levels, decreasing air quality pollutants, and increasing transportation options. Class covers how addressing public health and planning issues together will address our environment, infrastructure costs, health, and quality of life. No student may earn credit for both 4283 and 5283. (Irreg., Sp)

RCPL 4293 Food Systems Planning 3 Credit Hours

(Slashlisted with RCPL 5293) Prerequisite: Permission of the instructor. Course provides students with foundational understanding of social, spatial, economic, and environmental processes that influence food availability, access, consumption, and governance in U.S. Specifically, it explores both historical and contemporary trends in food systems to encourage students to think more critically about the role of public health and planning professionals in remedying patterns of food insecurity and concomitant health consequences. No student may earn credit for both 4293 and 5293. (Irreg., 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 systems (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 microcomputer-based mapping and geographic information systems. No student may earn credit for both 4463 and 5463. (F)

RCPL 4513 Subdivision and Planned Unit Development Planning 3 Credit Hours

(Slashlisted with RCPL 5513) Prerequisite: ENGL 1213 or EXPO 1213, Junior Standing, and Departmental Permission. The course provides students from a range of disciplines with a foundational understanding of social, ecological, and physical conditions that influence the design of the built environment. Specifically, the course explores historical and contemporary trends in site planning and urban design as a means of encouraging students to think more critically about designing a more sustainable built environment. No student may earn credit for both 4513 and 5513. (Sp)

RCPL 4753 Transportation Geography and Planning 3 Credit Hours

(Slashlisted with RCPL 5753; Crosslisted with GEOG 4753) Prerequisite: Junior Standing. This course is intended to introduce students to the world of transportation planning and geography by explaining the importance of transportation from local to global and by engaging them in everyday transportation activities. Topics include, but not limited to, the history of transportation, the relationships between transportation and geography, transportation managements and policies, and urban transportation systems. No student may earn credit for both 4753 and 5753. (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**
(Slashlisted with RCPL 4003; Crosslisted with GEOG 5003) 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**
(Slashlisted with RCPL 4033; Crosslisted with SOC 5033) Prerequisite: Graduate standing, departmental permission, and instructor permission. This course introduces students to socioeconomic, political, and equity issues in housing. Students will engage with planning and policy issues to understand the history of housing and interventions for diverse populations. Topics will cover primarily U.S. Housing policy and practices with some comparative international examples. No student may earn credit for both 4033 and 5033. (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 5063 Planning with Diverse Communities 3 Credit Hours**
(Slashlisted with RCPL 4063) Prerequisite: Graduate standing, and departmental or instructor permission. As cities become more diverse, planning with various communities becomes increasingly complex and challenging. This course is intended to introduce students to issues related to diversity and inequality. Aspects of diversity (e.g., race/ethnicity, gender, class, sexuality, national origin, abilities, etc.) and their intersections with planning and urban policy and development issues are discussed. No student may earn credit for both 4063 and 5063. (Irreg.)
- 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: Graduate standing and RCPL 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. No student may earn credit for both 4213 and 5213. (F)
- RCPL 5263 Infrastructure Planning 3 Credit Hours**
(Slashlisted with RCPL 4263) Prerequisite: Graduate standing and permission of instructor. This course focuses on an overview of major infrastructure systems; the relationship between larger planning goals such as growth management, economic development, and sustainability and infrastructure; and municipal budgeting and financing techniques for infrastructure projects. No student may earn credit for both 4263 and 5263. (F)
- RCPL 5273 International Development Planning 3 Credit Hours**
(Slashlisted with RCPL 4273) Prerequisite: Graduate standing and permission of instructor. This course is for students interested in improving the quality of life for people living in the developing world. It will explore what has been tried, what has been learned, and what are the current challenges in expanding human opportunity through international development efforts in middle- and low-income countries. No student may earn credit for both 4273 and 5273. (Sp)
- RCPL 5283 Public Health and the Built Environment 3 Credit Hours**
(Slashlisted with RCPL 4283) Prerequisite: Graduate standing and permission of instructor. This class will cover how addressing public health and planning issues together will address our environment, infrastructure costs, health, and quality of life. How we plan the built environment is an essential part of the equation for improving physical activity levels, decreasing air quality pollutants, and increasing transportation options. No student may earn credit for both 4283 and 5283. (Irreg., Sp)

RCPL 5293 Food Systems Planning 3 Credit Hours

(Slashlisted with RCPL 4293) Prerequisite: Graduate standing and permission of instructor. The course will provide a foundational understanding of the social, spatial, economic, and environmental processes that influence food availability, access, consumption, and governance in the United States. Students will acquire an ability to interpret, analyze, and discuss food systems as one component of planning more sustainable forms of urban, suburban, and rural development. No student may earn credit for both 4293 and 5293. (Irreg., Sp)

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

Prerequisite: Graduate standing; CEES 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 systems (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 microcomputer-based mapping and geographic information systems. No student may earn credit for both 4463 and 5463. (F)

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

(Slashlisted with RCPL 4513) Prerequisite: Graduate standing and departmental permission. The course provides students from a range of disciplines with a foundational understanding of social, ecological, and physical conditions that influence the design of the built environment. Specifically, the course explores historical and contemporary trends in site planning and urban design as a means of encouraging students to think more critically about designing a more sustainable built environment. No student may earn credit for both 4513 and 5513. (Sp, Irreg.)

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

Prerequisite: Graduate standing. The second course in a two-course sequence intended to fulfill the 5-credit studio requirement in Masters of Planning curriculum and Studio V in the MLA curriculum. Focusing on data analysis and presentation of recommendations to a community. Involving 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. First course in a two-course sequence intended to fulfill the 5-credit studio requirement in Masters of Planning curriculum and Studio V in the MLA curriculum. Focusing on data collection for community projects and 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". Laboratory. (F, Sp, Su)

RCPL 5525 Comprehensive Regional And City Planning Project 5 Credit Hours

Prerequisite: RCPL 5513 or RCPL 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 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 5753 Transportation Geography and Planning 3 Credit Hours

(Slashlisted with RCPL 4753; Crosslisted with GEOG 5753) Prerequisite: Graduate standing. This course is intended to introduce students to the world of transportation planning and geography by explaining the importance of transportation from local to global and by engaging them in everyday transportation activities. Topics include, but not limited to, the history of transportation, the relationships between transportation and geography, transportation managements and policies, and urban transportation systems. No student may earn credit for both 4753 and 5753. (Sp)

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 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. (F)

RCPL 5960 Directed Readings**1-6 Credit Hours**

1 to 6 hours. Prerequisite: Graduate standing; 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**

2 to 9 hours. Prerequisite: Graduate standing and majors only. 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: Graduate standing; 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: Graduate standing; RCPL 5213, RCPL 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.)