Community and Regional Planning (CRP)

Courses primarily for undergraduates:

CRP 201. The American Metropolis.
(3-0) Cr. 3. F.S.
Examination of the evolution of American urban centers from the colonial era to the present and with it, the process of change in urban America. It asks why and how American cities have grown, where city and dwellers have come from, how they have lived, and how they have governed themselves. Considers the demographic changes and social movements underway in urban America and explores how an understanding of the history of cities provides us with knowledge that we can use to improve our cities today.

CRP 291. World Cities and Globalization.
(Cross-listed with DSN S). (3-0) Cr. 3. F.
World cities and globalization in developed and developing countries. Topics include globalization, world cities and regions, uneven economic development, the international division of labor, multinational corporations, international environmentalism, tourism, popular culture and place-based identity. Meets International Perspectives Requirement.

CRP 393. Environmental Planning.
(Cross-listed with DSN S, ENV S). (3-0) Cr. 3. F.
Comprehensive overview of the field of environmental relationships and the efforts being made to organize, control, and coordinate environmental, aesthetic, and cultural characteristics of land, air, and water.

CRP 301. Planning Methods Studio.
(3-3) Cr. 4. S. Prereq: STAT 101 or STAT 104
An introduction to the methods and analytical techniques used by planners to study community change. Course includes identification of key sources of planning information and data. Students learn to use quantitative methods for analysis of population, land use, economic and transportation data. Students learn to apply basic analytic methods to community problems and learn the art of effective written, graphic, and oral presentation of data.

CRP 320. Urban Form.
(Cross-listed with DSN S). (3-0) Cr. 3. Alt. S., offered 2013. Prereq: CRP 253 or CRP 270, or permission of instructor
Examines how urban form is shaped, what constitutes good urban form, and what are the trends in emerging urban forms. Descriptive, explanatory and normative theories of urban form, and the relationships between urban form and social, economic, political, cultural, and institutional forms.

CRP 330. Practicum.
Cr. 1-3. Repeatable. F.S.S.S. Prereq: Major in community and regional planning
Structured work experience under close supervision of a professional planner. Practical planning experience; relationships between theory and practice, professional responsibilities, and the scope of various planning roles.

CRP 331. Professional Practice Seminar.
(Dual-listed with CRP 531). (1-0) Cr. 1. S. Prereq: Major in community and regional planning
Preparation for working in a planning office; discussion of expectation of employer; presentations from planning professionals, and discussion of differences/similarities between public and private planning offices. Offered on a satisfactory-fail basis only.

CRP 376. Rural, Urban and Regional Economics.
(Cross-listed with ECON). (3-0) Cr. 3. Prereq: ECON 101
Firm location with respect to regional resources, transport, scale economies, externalities, and policies. Measures of local comparative advantage and specialization. Spatial markets. Population location considering jobs, wages, commuting, and local amenities. Business, residential, and farm land use and value. Migration. Other topics may include market failure, regulation, the product cycle, theories of rural and urban development, developmental policy, firm recruiting, local public goods and public finance, schools, poverty, segregation, and crime. Nonmajor graduate credit.

(3-0) Cr. 3. S. Prereq: CRP 253 and Junior classification
The nature of planning and its relation to social and economic planning; levels of planning, place of planning in decision making; steps in the planning process, uses and limitation of knowledge in planning, relation of facts and values.

CRP 391. Field Travel.
Cr. 1-2. Repeatable. F.S. Prereq: CRP major and permission of instructor
Observation of professional practice and community or regional problems and issues. Offered on a satisfactory-fail basis only.

CRP 410. Professional Work Experience.
Cr. R. F.S.S.S. Prereq: Permission of department chair
Approved professional work experience.

CRP 416. Urban Design and Practice.
(Dual-listed with CRP 516). (3-6) Cr. 6. S. Prereq: CRP 253 or CRP 270
Principles of urban design and their application to residential and commercial development in studio projects.

CRP 417. Urban Revitalization.
(Dual-listed with CRP 517). (Cross-listed with DSN S). (3-0) Cr. 3. S.
Planning methods available to further revitalization and preservation efforts, with particular attention to housing and neighborhoods. Relationship between neighborhood change and urban development process; public policy implications.

CRP 425. Growth Management.
(Dual-listed with CRP 525). (Cross-listed with DSN S). (3-0) Cr. 3. Alt. F., offered 2011. Prereq: Junior classification
Review of techniques used to manage growth-related change and to implement plans. Capital investment strategies; public land acquisition and protection; development impact analysis; impact mitigation, including impact fees; phased growth systems; urban, suburban and rural relationships; and land preservation.

(Dual-listed with CRP 529). (Cross-listed with DSN S). (3-0) Cr. 3. S. Prereq: Junior classification
Introduction to issues in planning and governance in an international setting. Problems and strategies may include population movement and change, economic globalization, urban growth, rural development, and housing.

CRP 432. Community Planning Studio II.
(1-6) Cr. 6. F.S. Prereq: CRP 201, 301

CRP 435. Planning in Small Towns.
(Dual-listed with CRP 535). (3-0) Cr. 3. Alt. F., offered 2012. Prereq: CRP 253, CRP 270, or Junior classification
Contemporary planning problems in small towns and the design of viable strategies to enhance their social and economic position in today’s society.

CRP 436. Community Economic Development.
(Dual-listed with CRP 536). (3-0) Cr. 3. Alt. F., offered 2011. Prereq: Sophomore classification
The nature and process of economic development in the context of community development. Recent changes and trends and their implications for local and regional development. Selected case studies and applications. Contemporary community economic development issues.

CRP 436. Community Economic Development.
(Dual-listed with CRP 536). (3-0) Cr. 3. Alt. F., offered 2011. Prereq: Sophomore classification
The nature and process of economic development in the context of community development. Recent changes and trends and their implications for local and regional development. Selected case studies and applications. Contemporary community economic development issues.

CRP 442. Site Development.
(Dual-listed with CRP 542). (Cross-listed with DSN S). (3-0) Cr. 3. S.
Introduction to site development including site review. Studio project integrating concept, finance, selection, analysis, and design.

CRP 445. Transportation Policy Planning.
(Dual-listed with CRP 545). (3-0) Cr. 3. F. Prereq: CRP 350 or equivalent
Comprehensive overview of key policy issues related to transportation planning and investment in the United States and abroad. Policy issues explored include safety, environmental impact, sustainable communities, and economic development. Policy analysis and planning are studied in conjunction with each policy issue explored. Issues of concern to state, metropolitan, and local governments.
(2-2) Cr. 3. F.S.SS.  
Introduction to geographic information systems, including discussions of GIS hardware, software, data structures, data acquisition, data conversion, data presentation, analytical techniques, and implementation procedures. Laboratory emphasizes practical applications and uses of GIS.

C R P 452. Geographic Data Management and Planning Analysis.  
(Dual-listed with C R P 552). (2-2) Cr. 3. F.S. Prereq: C R P 451 or equivalent  
Extensive coverage of geo-relational database concept and design, GIS database creation and maintenance, geographic data manipulation and analysis, GIS output generation and geographic data presentation. Laboratory emphasizes practical applications and uses of GIS.

C R P 475. Grant Writing.  
(Dual-listed with C R P 575). (1-0) Cr. 1. F.  
A short introduction to effective grant writing for the public and non-profit sectors. Includes identifying appropriate funding sources for an organization, identifying goals and objectives, and budgeting.

C R P 481. Regional and State Planning.  
(Dual-listed with C R P 581). (3-0) Cr. 3. Alt. S., offered 2012. Prereq: C R P 253 or C R P 270  
Analysis of theories, policies, and functions at the metropolitan, regional, and state levels with emphasis on area-wide governance structures and strategies for guiding development.

C R P 484. Sustainable Communities.  
(Dual-listed with C R P 584). (Cross-listed with DSN S, ENV S). (3-0) Cr. 3. S.  
Prereq: Junior classification  

C R P 490. Independent Study.  
Cr. 1-3. Repeatable. F.S.SS. Prereq: Written approval of instructor and department chair on required form  
Investigation of an approved topic commensurate with student’s interest and ability. Offered on a satisfactory-fail basis only.

C R P 490H. Independent Study: Honors.  
Cr. 1-3. Repeatable. F.S.SS. Prereq: Written approval of instructor and department chair on required form  
Investigation of an approved topic commensurate with student’s interest and ability. Offered on a satisfactory-fail basis only.

(Dual-listed with C R P 591). (Cross-listed with DSN S, ENV S, L A). (3-0) Cr. 3. S.  
Prereq: 6 credits in natural sciences  
Environmental law and policy as applied in planning at the local and state levels. Brownfields, environmental justice, water quality, air quality, wetland and floodplain management, and local government involvement in ecological protection through land use planning and other programs.

C R P 492. Planning Law, Administration and Implementation.  
(3-0) Cr. 3. F. Prereq: C R P 383  
The basis in constitutional, common, and statutory law for the powers of plan implementation. Problems of balancing public and private interests as revealed in the study of leading court cases. Administration of planning agencies and programs.

C R P 494. Senior Seminar in Planning.  
Cr. 1-3. Repeatable, maximum of 2 times. F.S. Prereq: Senior classification; C R P 332 should be taken prior to or concurrently.  
An advanced forum for seniors that focuses upon recent trends and important issues affecting planning today. Topics addressed will vary. A demonstration of understanding of current issues and their effects upon planning applications is expected.

C R P 498. Portfolio Development and Review.  
(1-0) Cr. 1. F.S.  
Should be taken in the final semester of the planning program. Preparation of a portfolio of student work that represents student learning throughout the entire planning program.

Courses primarily for graduate students, open to qualified undergraduates:

C R P 510. Professional Work Experience.  
Cr. R. F.S.SS. Prereq: Permission of department chair  
Approved professional work experience.
C R P 545. Transportation Policy Planning.
(Dual-listed with C R P 445). (3-0) Cr. 3. F. Prereq: Graduate classification
Comprehensive overview of key policy issues related to transportation planning
and investment in the United States and abroad. Policy issues explored
include safety, environmental impact, sustainable communities, and economic
development. Tools like policy analysis and planning are studied in conjunction
with each policy issue explored. Issues of concern to state, metropolitan, and
local governments.

C R P 551. Introduction to Geographic Information Systems.
(2-2) Cr. 3. F.S.SS.
Introduction to geographic information systems, including discussions of GIS
hardware, software, data structures, data acquisition, data conversion, data
presentation, analytical techniques, and implementation procedures. Laboratory
emphasizes practical applications and uses of GIS.

C R P 552. Geographic Data Management and Planning Analysis.
(Dual-listed with C R P 452). (2-2) Cr. 3. S. Prereq: C R P 551
Extensive coverage of geo-relational database concept and design, GIS database
creation and maintenance, geographic data manipulation and analysis. GIS output
generation and geographic data presentation. Laboratory emphasizes practical
applications and uses of GIS.

C R P 553. Analytical Planning/GIS.
(2-2) Cr. 3. F. Prereq: C R P 451/C R P 551
Integration of exploratory, participatory and predictive spatial analyses and
3D visualization into the planning process. GIS tools and techniques are used
to automate decision analysis and facilitate future planning in analyzing and
visualizing planning actions. Laboratory emphasizes practical uses of GIS tools
and techniques.

C R P 561. Planning Theory for Practice.
(3-0) Cr. 3. S.
Use and development of theory/action relationship in planning practice.
Competing normative theories of planning and their evolution, key components
and fundamental critiques. Exploration of planning frameworks and approaches,
including comprehensive planning; incrementalism; advocacy; communicative
rationality; and others.

C R P 563. Planning the American Metropolis.
(Cross-listed with DSN S). (3-0) Cr. 3. F.
Focus on the historical role of planning in the shaping of American cities and
regions, from the beginning of the Republic to the present. Examine the legacy of
planning by exploring the intersection of design, politics and policy. Investigate the
factors and the processes that produce the built environment.

C R P 564. Introduction to Analytical Methods for Planning.
(3-0) Cr. 3. F.
Applications of analytical methods in planning with emphasis on the collection,
description, analysis, presentation, and interpretation of planning data.
Introduction to descriptive statistics. Sources of planning information and data
including primary and secondary data types and sources. Demographic analysis,
population projection techniques for planning at local and regional levels.

C R P 566. Values and Decision Making.
(Cross-listed with DSN S). (3-0) Cr. 3. F.
Principles and methods for analyzing communities and regions as social
political, economic, and ecological systems. Exploration of relationships between
individuals and institutions, the economy and governance. Examination of social
values and their manifestation in decision making methods used in planning.
Application of decision making tools for planning problems involving economic
analysis, power relations, environmental impacts and social impacts. Project
evaluation methods.

C R P 568. Planning and Development.
(3-0) Cr. 3. S. Prereq: C R P 564 or equivalent
Exploration and evaluation of the techniques, processes, and professional
skills required to effectively manage land use change at various scales. Land
classification systems; land supply and needs inventory for residential uses
and commercial and employment centers; capacity and needs analysis for
public infrastructure. Includes land use planning project(s) designed to apply the
methods explored in this and other courses.

C R P 575. Grant Writing.
(Dual-listed with C R P 475). (1-0) Cr. 1. F. Prereq: Graduate classification
A short introduction to effective grant writing for the public and non-profit sectors.
Includes identifying appropriate funding sources for an organization, identifying
goals and objectives, and budgeting.

C R P 581. Regional and State Planning.
(Dual-listed with C R P 481). (3-0) Cr. 3. Alt. S., offered 2012. Prereq: Graduate classification
Analysis of theories, policies, and functions at the metropolitan, regional, and
state levels with emphasis on area-wide governance structures and strategies for
guiding development.

C R P 584. Sustainable Communities.
(Dual-listed with C R P 484). (Cross-listed with DSN S, ENV S). (3-0) Cr. 3. S.
Prereq: Graduate classification
The history and theory of sustainable community planning. Procedural and
substantive dimensions. Case studies of communities engaged in sustainability
planning. Use and development of indicators.

C R P 590. Special Topics.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590A. Special Topics: Planning Law, Administration and Implementation.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590B. Special Topics: Economic Development.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590C. Special Topics: Urban Design.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590D. Special Topics: Housing and Urban Revitalization.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590H. Special Topics: Environmental Planning.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590I. Special Topics: Land Use and Transportation Planning.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590N. Special Topics: International Planning.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590Q. Special Topics: Spatial Analytical Methods.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590P. Special Topics: Planning in Small Towns.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590Q. Special Topics: Diversity and Equity in Planning.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

C R P 590R. Special Topics: Geographic Information Systems.
Cr. 1-3. Repeatable. F.S.SS. Prereq: Graduate classification and written approval
of instructor and department chair on required form.

(Dual-listed with C R P 491). (Cross-listed with DSN S, ENV S, L A). (3-0) Cr. 3. S.
Prereq: Graduate classification
Environmental law and policy as applied in planning at the local and state
levels. Brownfields, environmental justice, water quality, air quality, wetland
and floodplain management, and local government involvement in ecological
protection through land use planning and other programs.

C R P 592. Land Use and Development Regulation Law.
(3-0) Cr. 3. F.
An in-depth analysis of the legal constructs that shape the practice of planning
and plan implementation in the United States. An exploration of how land use
regulations are applied to reconcile the competing needs and diverse uses of
land. The positive and negative consequences of developing and implementing
regulatory controls will be addressed.

C R P 595. Seminar in GIS Applications/Research.
(1-0) Cr. 1. F.S. Prereq: 9 credits in GIS Certificate program.
Discussion and demonstration of current GIS applications and research in multiple
disciplines. Offered on a satisfactory-fail basis only.
Cr. arr. Repeatable.
Independent planning project with practical application, including research element.

Courses for graduate students:

C R P 698. Capstone Studio.
(1-6) Cr. 4. Prereq: Permission of instructor.
Synthesis and integration of core planning knowledge into professional work in a team setting.

C R P 699. Research.
Cr. arr. Repeatable. F.S.SS.