GRADUATE-LEVEL COURSE LIST
CITY AND REGIONAL PLANNING | Knowlton School of Architecture

CRPLAN 5001 - Introduction to GIS
Introduction to the basic principles of geographic information systems and their use in spatial analysis and information management.

CRPLAN 5010 - Historic Preservation Planning
Cities are rich in history. Policies, incentives and planning aid in preserving unique historic character and heritage of cities.

CRPLAN 5100 - Technology in Design
Software tools, information theory, and technology to aid in preparing for the professional planning workplace.

CRPLAN 5200 - Metropolitan and Regional Planning
Cities and towns are becoming increasingly dependent on each other. Progressive approaches to regional planning directly influence the economy and quality of life.

CRPLAN 5300 - Airport Planning, Design and Development
A comprehensive study of airport planning, design and development, the role of the airport and its components as part of the overall air transportation system, the issues related to the planning, design, and development of the airport and its system.

CRPLAN 5400 - Planning for Housing
Housing - including its uses, meaning, design, and role. The creation of a range of housing to support growth and revitalization of cities and regions.

CRPLAN 5420 - Planning Places with People in Mind
People experience places in many ways. Design, plan and manage places of different types and scales to create quality experiences for the public.

CRPLAN 5500 - Energy Planning
Energy makes cities run, from renewable and non-renewable sources. Energy is a driving opportunity and constraint in urban development.

CRPLAN 5700 - Urban Transportation Demand Forecasting
Introduction and applications for quantitative demand forecasting in urban transportation.

CRPLAN 5798 - Planning Study Abroad
Rapid globalization of cities creates new opportunities to explore, investigate and analyze urban development internationally.

CRPLAN 5800 - Microfinance for Planners
Why and how microfinance operations have grown to provide financial services to poor and low-income people on a sustainable basis.
CRPLAN 5880 - Interdepartmental Seminar
Interdepartmental seminar; topics to be announced.

CRPLAN 5890 - Workshop in City and Regional Planning
Workshop on city and regional planning issues.

CRPLAN 5900 - Food System Planning and the Economy
Examines the social, environmental and economic costs and benefits of our food production, distribution, and consumption.

CRPLAN 5960 - Design Competition
Interdisciplinary teams develop design proposals to solve problems in the natural or built environment.

CRPLAN 6000 - Historical Foundations of Planning
The people, movements, and principles which have shaped contemporary planning practice. Historical successes and failures mean for the future of planning.

CRPLAN 6010 - Innovation in City and Regional Planning
Successful cities are innovative and forward-thinking. Challenges students to focus on generation of truly innovate ideas to improve cities and regions.

CRPLAN 6080 - Advanced GIS for Professional Planning Practice
In-depth and hands-on training in GIS applications for city and regional planning.

CRPLAN 6100 - Participation and Advocacy in Planning
Planning theories that support the planner’s role in engaging and advocating for the public. Skills in public engagement techniques and tools.

CRPLAN 6191S - Internship Seminar
Provides successful candidates with a broad but intensive learning experience in various areas of city and regional planning. The program is designed to prepare individuals for professional planning positions.

CRPLAN 6200 - Graphic Visualization
Fundamental skills in graphics and graphic technology commonly used in planning, including on-line, print, document, poster, and video layout and design.

CRPLAN 6210 - Planning For Effective Communication
The ability to effectively frame communications for specific audiences is a valuable skill a planner brings to their career. Build finesse in your communication style.

CRPLAN 6300 - Law and Planning I: Land Use
The impact of law on planning, with an emphasis on the regulation of land use.

CRPLAN 6310 - Law and Planning II: Environment and Society
The role of social and environmental justice and other societal considerations in the establishment of a legal framework in planning.
CRPLAN 6320 - Seminar in Land Use Policy
Advanced seminar on topics in land use law and policy. Topics vary.

CRPLAN 6350 - The Socially Just City
Poverty reduction, access to public services and improving quality of life are goals to achieving the socially just city.

CRPLAN 6400 - Site Planning and Development
Effective site planning can lead to the development of a strong community. Learn the design, environmental and infrastructure elements that are needed to generate a feasible development project.

CRPLAN 6410 - Planning for Sustainable Development
Sustainable development is a broad concept; translated into reality through relevant theory and the implementation of key design, policy and project based solutions.

CRPLAN 6420 - Infrastructure Planning
Infrastructure development plans address the planning, budgeting and programming challenges of making cities run.

CRPLAN 6430 - Urban Design
Vibrant cities contribute to quality of life, through urban design and urban form. Site analysis, context sensitive design and impacts of design choices are explored.

CRPLAN 6440 - Research Methods for Urban Design and Planning
Behavioral research and evaluation (research design, validity, reliability, data gathering techniques) methods for urban design and planning questions.

CRPLAN 6450 - Planning and Evaluating Environments for Human Use
Introduction to user-oriented facility programming and evaluation for planners and designers; application of methods to specify characteristics of a place required to support user behavior.

CRPLAN 6460 - Real Estate Finance for Planners
Realize plans by understanding the financial mechanisms to fund projects. Explore how public-private partnerships create opportunities for affordable housing, downtown revitalization, and neighborhood improvement.

CRPLAN 6500 - Plan Making and Analysis Techniques
Collection and analysis of information used to make plans, including population projections and economic activity.

CRPLAN 6600 - Spatial Models and Project Evaluation
Examines how people and organizations make decisions about their location and role in space as well as techniques for evaluating public projects.

CRPLAN 6610 - Grant Writing in the Public Sector
Public officials rely on grants to help fund their grand plans. Planners find grants, prepare proposals, and manage grants to effectively support public projects.
CRPLAN 6620 - Project Management in the Public Sector
Public officials recognize the importance of project management in organization success. Management of complex, high-risk, high-visibility public projects is examined.

CRPLAN 6700 - Technology in Design
Software tools, information theory, and technology to aid in preparing for the professional planning workplace.

CRPLAN 6798 - Planning Study Abroad
The world is rapidly globalizing. Exploring global cities provides a rich perspective that can be used to evaluate domestic and international planning challenges.

CRPLAN 6810 - Non-motorized Transportation Planning
Safely design a non-motorized transportation network that accommodates all users. Using effective planning strategies to create transportation master plans for pedestrian and bicycle networks.

CRPLAN 6820 - Urban Transportation Demand Forecasting
Planners forecast traffic demand, relieve congestion, promote bicycling and walking, all to allow people to travel efficiently.

CRPLAN 6880 - Interdepartmental Seminar
Interdepartmental seminar; topics to be announced.

CRPLAN 6890 - Workshop in City and Regional Planning
Workshop on city and regional planning issues.

CRPLAN 6910 - Comprehensive Planning Studio
Application of knowledge and skills to a comprehensive planning process in consultation with professionals to produce a plan for use by a real world client.

CRPLAN 6920 - Urban Design/Physical Planning Studio
Improvement of the aesthetics of the built environment through the creation of a physical plan for a portion of a city using an integrative process to solve planning challenges.

CRPLAN 6950 - Transportation Studio
Planning for transportation requires an examination of environmental, social, and economic factors, as well as active engagement of decision makers and transportation users alike.

CRPLAN 6960 - Sustainability Studio
Planning for sustainability requires systems thinking, strategic solutions and collaborative governance. Sustainability plans will be generated through active engagement with a client community.

CRPLAN 6970 - International Development Studio
Cities and regions across the globe are rapidly urbanizing and are facing planning challenges. Plan development focuses on developing context-sensitive solutions.

CRPLAN 6998 - Research in City and Regional Planning
Research on city and regional planning issues.
CRPLAN 6999 - Research for Thesis in City and Regional Planning
Research for Thesis in City and Regional Planning.

CRPLAN 7000 - Contemporary Planning Research
Introduction and overview of topics and techniques in planning research.

CRPLAN 7100 - City & Regional Planning Theory
Critical inquiry into the dominant theories related to city and regional planning research and practice.

CRPLAN 7110 - Development Theory
Critical inquiry into the classic debates and critiques of development theory related to planning research and practice in developing countries.

CRPLAN 7200 - Static Optimization Methods in Planning Research
Discussion of Static Optimization techniques used in contemporary planning research.

CRPLAN 7210 - Dynamic Optimization Methods in Planning Research
Discussion of Dynamic Optimization techniques used in contemporary planning research.

CRPLAN 7220 - Statistical Methods in Planning Research
Discussion of statistical techniques used in contemporary planning research.

CRPLAN 7230 - Foundations of Spatial Models in Planning
Discussion of economic foundations of spatial modeling.

CRPLAN 7240 - Decision Analysis Methods in Planning Research
Discussion of Decision Analysis techniques used in contemporary planning research.

CRPLAN 7250 - Metropolitan and Regional Planning Models
Discussion of modeling techniques used in contemporary metropolitan and regional planning research.

CRPLAN 7260 - Discrete Choice Analysis in Planning
Study of discrete choice models and their applications, model formulation, testing, forecasting, and hands-on experience by estimating discrete choice models with real world data.

CRPLAN 7270 - Environmental and Energy Modeling
Application of related land use, environmental, and energy models to assess the impacts of urban development on the environment.

CRPLAN 7300 - Planning Dissertations and Theses from Start to Finish
Covers the full dissertation/thesis process: topic selection, refinement, proposal development, literature review, methods, data collection/analysis, presenting and publishing, getting a job, life on the job.

CRPLAN 7400 - Contemporary Topics in Planning
An examination of current issues in planning from both research and practice points of view.
CRPLAN 7500 - Resolving Social Conflict
Multidisciplinary examination of Social conflict, its dynamics and negotiated and consensual resolution; offers broad-based framework for diagnosing and managing conflict; applied to legal, environmental, organizational, and geopolitical conflicts.

CRPLAN 8200 - Teaching Practicum in City and Regional Planning
A hands on teaching experience in conjunction with a city and regional planning faculty member. Includes syllabus development, course preparation, lecture, discussion experience, and grading review.

CRPLAN 8300 - General Practicum in City and Regional Planning
Supervised field experience in city and regional planning; analysis and critique of field experience.

CRPLAN 8880 - Interdepartmental Seminar
Interdepartmental seminar related to city and regional planning issues.

CRPLAN 8890 - Workshop in City and Regional Planning
Workshop on city and regional planning issues.

CRPLAN 8998 - Research in City and Regional Planning
Research on city and regional planning topics.

CRPLAN 8999 - Research for Dissertation in City and Regional Planning
Research for Doctoral Dissertation Purposes.