CITY PLANNING (CP)

CP 6002. Introduction to Fields of Planning. 2 Credit Hours.
Introduction to the various subfields of planning through reading, discussion, and guest lectures by practicing planners. Course also covers professional ethics and career planning and development.

CP 6005. Freehand Drawing for Planners. 1 Credit Hour.
This course teaches planning students through drawing to record, analyze, conceptualize, and represent commonly recurring physical and diagrammatic relationships that occur in the physical environment.

CP 6012. Theory and History of Planning. 4 Credit Hours.
Examines theories of planning and the public interest. Considers the roles of planners within the American political system and the historical development of the planning profession.

CP 6016. Growth Management Law and Implementation. 3 Credit Hours.

CP 6024. Quantitative and Computer Methods. 4 Credit Hours.
Introduction to computing and quantitative methods in planning. Discusses commonly used data sources, data management, presentation techniques, and planning analytical models.

CP 6025. Advanced Planning Methods. 4 Credit Hours.
Analytical methods in planning including inferential statistics, linear regression, and analysis of variance and how they are applied to planning problems.

CP 6031. Economic Analysis for Planning. 3 Credit Hours.
Applications of economic principles to planning, including market theory, public goods, externalities, cost-benefit analysis, and project economics.

CP 6032. Urban and Regional Development Theory. 3 Credit Hours.
Study of theories in the structure and function of cities and regions. Emphasis on the economic forces shaping urban development.

CP 6034. Demographic and Economic Analysis of Urban Areas. 3 Credit Hours.
This course considers the social and economic structure of urban areas from a demographic perspective. Population structure, population change, and migration are explored.

CP 6052. Applied Planning Studio. 4 Credit Hours.
Analysis and preparation of alternatives for an existing neighborhood, community, or region. Emphasis on application of planning skills in a real-world situation.

CP 6105. Land Conservation. 3 Credit Hours.
This course considers the distinctive American view of land and history of the conservation movement, then discusses the why and how of modern land conservation.

CP 6112. Introduction to Land Use Planning. 3 Credit Hours.
This course introduces students to land use planning: The basic rationale for land use planning and its form in different states is covered.

CP 6122. Land Use Planning Methods. 3 Credit Hours.
This course explores the techniques of land use planning and applies them to specific land use types.

CP 6190. Introduction to Climate Change Planning. 3 Credit Hours.
This course equips students with the knowledge and methods necessary to develop the next generation for state, local, corporate, and enterprise climate action planning.

CP 6213. Urb Env Plan & Design. 3 Credit Hours.
This course introduces students to the basic theoretical and analytical underpinnings of urban environmental planning and design.
CP 6432. Industrial Restructuring and Its Planning Implications. 3 Credit Hours.
Examines industrial restructuring trends and theoretical frameworks; develops industry case studies; and considers economic development planning's role in industrial restructuring.

CP 6442. Equity, Social Justice, and Economic Development. 3 Credit Hours.
Explores concepts and theories of equity and social justice, analysis of indicators of (in)justice/equity, and economic development planning's role in promoting equity and social justice.

CP 6452. Urban Development Policy. 3 Credit Hours.
Introduces elements of urban policy and economic development by examining them historically, nationally, and locally. Approaches to urban development and redevelopment are analyzed.

CP 6514. Introduction to Geographic Information Systems. 3 Credit Hours.
This course introduces students to spatial analysis using geographic information systems. Fundamentals of software design and geographic data are covered.

CP 6521. Advanced Geographic Information Systems. 3 Credit Hours.
The course provides students with advanced spatial analysis techniques including network analysis, three-dimensional surface modeling, and GIS application development.

CP 6531. Introduction to Remote Sensing. 3 Credit Hours.
This course introduces students to the collection and use of satellite imagery and other remote sensing data.

CP 6541. Environmental Analysis Using GIS. 3 Credit Hours.
This course focuses on the application of geographic information systems (GIS) to environmental problems. It highlights the types and sources of data appropriate to those applications.

CP 6542. Transport & GIS. 3 Credit Hours.
Transportation data models, data processing, modeling, and service delivery in geographical information systems.

CP 6551. Spatial Analysis of Socioeconomic Data. 3 Credit Hours.

CP 6561. Geodemographics: Data Sources and Methods. 3 Credit Hours.
Explores important secondary data sources used by planners and analysts working with smaller geographic areas. Experience with hardware and software used to analyze data.

CP 6570. Socioeconomic GIS. 3 Credit Hours.
This advanced GIS course addresses the collection, management, analysis, and interpretation of spatial social, economic, housing, and demographic information. Credit not allowed for both CP 6570 and CP 6551.

CP 6571. Principles of Real Estate Finance and Development. 3 Credit Hours.

CP 6580. Negotiation, Facilitation, and Conflict Management. 3 Credit Hours.
Practical and theoretical instruction on techniques of negotiation and consensus building using training exercises and case studies. Emphasizes environmental, policy, planning, and development disputes. Crosslisted with PUBP 6760.

CP 6611. Negotiation, Facilitation, and Conflict Management. 3 Credit Hours.
Theoretical and practical instruction on techniques of negotiation and consensus building using case studies and training exercises.

CP 6636. Urban Ecological Design. 3 Credit Hours.
This course engages the contemporary issues of urban ecology and its articulation to design. It explores relationships between urban forms, and flows of ecology, energy, material, water and information. Credit not allowed for both CP 6836 and ARCH 6447.

CP 6650. GIS Capstone Project. 6 Credit Hours.

CP 6680. Citizen Participation and Community Engagement. 3 Credit Hours.
This course discusses planners' reasons for engaging communities in the planning process, evaluates various engagement methods, and produces a guide to direct future practice.

CP 6760. Negotiation and Conflict Management. 3 Credit Hours.
Practical and theoretical instruction on techniques of negotiation and consensus building using training exercises and case studies. Emphasizes environmental, policy, planning, and development disputes. Crosslisted with PUBP 6760.

CP 6811. Negotiation, Facilitation, and Conflict Management. 3 Credit Hours.
Theoretical and practical instruction on techniques of negotiation and consensus building using case studies and training exercises.

CP 6825. Public Sector Finance and Budgeting. 3 Credit Hours.

CP 6831. Urban Growth and Infrastructure Systems. 3 Credit Hours.
This course provides students with a basic understanding of urban infrastructure systems and their role in shaping urban growth and development.

CP 6832. Introduction to Urban Design. 3 Credit Hours.
An introduction to the study, research, and practice of urban design examining traditional design principles and their application to the contemporary city.

CP 6833. Urban Design Policy: Analysis and Implementation. 3 Credit Hours.

CP 6835. Public Health and the Built Environment. 2 Credit Hours.
This interdisciplinary course examines how cities and neighborhoods can have both positive and adverse effects on human health, and produces recommendations to improve these outcomes.

CP 6950. GIS Capstone Project. 6 Credit Hours.

CP 6XXX. City Planning Elective. 1-21 Credit Hours.

CP 7000. Master's Thesis. 1-21 Credit Hours.
Provides students with an opportunity to pursue advanced research under the guidance of a faculty committee.

CP 7999. Preparation for Ph.D. Qualification Exam. 1-21 Credit Hours.
Preparation for the Ph.D. Qualification Exam.
CP 8000. Doctoral Planning Seminar. 1 Credit Hour.
This course provides students and faculty an opportunity to present and
discuss planning research.

CP 8012. . 1 Credit Hour.
Incoming City and Regional Planning doctoral students reflect upon
research, assess opportunities afforded by doctoral education, and
develop a plan of study for the program.

CP 8022. PhD Seminar in Research and Pedagogy. 1 Credit Hour.
Students conceptualize and share ongoing research with their peers,
develop professional and pedagogical skills, and explore issues of
student and career.

CP 8200. Advanced Planning Theory. 3 Credit Hours.
Seminar on planning theory, including philosophy of science, political
philosophy and ethical theory. The course explores the theoretical basis
for planning as a social activity. Credit not allowed for both CP 8200 and
COA 8520.

CP 8300. Advanced Urban and Regional Development Theory. 3 Credit
Hours.
Examines principal urban-regional economic, and spatial theories for
explaining economic, social and physical forces influencing locations,
growth and decline of cities and regions. Credit not allowed for both
CP 8300 and COA 8540.

CP 8400. Research Design and Qualitative Methods. 3 Credit Hours.
Examines issues associated with the design and methodological
implementation of planning and applied social research, with a focus on
techniques for qualitative inquiry. Credit not allowed for both CP 8400 and
COA 8510.

CP 8505. Advanced Quantitative Research Methods for Planning, Policy
and Design. 3 Credit Hours.
This course addresses two complementary topics: the design of
quantitative research related to planning, design, and policy; and
advanced statistical techniques for accomplishing such research. Credit
not allowed for both CP 8505 and COA 8510.

CP 8813. Special Topics in Land Use Planning. 3 Credit Hours.
Topics of current interest in land use planning.

CP 8823. Special Topics in Environmental Planning. 3 Credit Hours.
Topics of current interest in environmental planning.

CP 8833. Special Topics in Transportation Planning. 3 Credit Hours.
Topics of current interest in transportation planning.

CP 8843. Special Topics in Economic Development. 3 Credit Hours.
Topics of current interest in economic development.

CP 8851. Special Topics in GIS. 1 Credit Hour.
Topics of current interest in Geographic Information Systems.

CP 8852. Special Topics in GIS. 2 Credit Hours.
Topics of current interest in Geographic Information Systems.

CP 8853. Special Topics in Geographic Information Systems. 3 Credit
Hours.
Topics of current interest in geographic information systems.

CP 8863. Special Topics in Land Development. 3 Credit Hours.
Topics of current interest in land development.

CP 8873. Special Topics in Urban Design. 3 Credit Hours.
Topics of current interest in urban design.

CP 8876. Spec Topics: Urban Dsgn. 6 Credit Hours.
Special Topics.