

# CITY PLANNING (CP)

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

### CP 2020. Introduction to Urban and Regional Planning. 3 Credit Hours.

This course provides an overview of how cities and metropolitan regions are planned including discussions of urban history, current events, and future prospects for cities.

### CP 2030. Atlanta Past, Present, and Future. 3 Credit Hours.

This community-engaged course will cover 19th, 20th, and 21st century urban history and theory, seen through the lens of Atlanta's unique history and character.

### CP 2040. Cities of Tomorrow. 3 Credit Hours.

This course explores how the forces shaping 21st-century cities compare to the dynamics that shaped cities of the past and present.

### CP 2233. Sustainable Urban Development. 3 Credit Hours.

This course introduces students to the theory and practice of sustainability as applied to the built environment at scales from the site to the megaregion.

### CP 2235. World Cities. 3 Credit Hours.

This class explores the past evolution of world cities, the enormous challenges they face in the present, and the opportunities for innovative, sustainable urban solutions.

### CP 2698. Undergraduate Research. 1-12 Credit Hours.

Independent research conducted under the guidance of a faculty member. Undergraduate research under the guidance of a faculty member for the first years and sophomores.

### CP 2699. Undergraduate Research. 1-12 Credit Hours.

Independent research conducted under the guidance of a faculty member. Undergraduate research under the guidance of a faculty member for first years and sophomores.

## CP 2XXX. City Planning Elective. 1-21 Credit Hours.

### CP 3024. Qualitative Analysis and Research Design. 3 Credit Hours.

This course is about enabling community engagement through survey design and data analysis, and other participatory methods.

### CP 3025. Quantitative Analysis in Planning. 3 Credit Hours.

Analytical methods in planning including inferential statistics, linear regression, and analysis of variance and how they are applied to planning problems.

## CP 3XXX. City Planning Elective. 1-21 Credit Hours.

### CP 4010. Foundations of Urban and Regional Development. 3 Credit Hours.

The course describes the economic function of cities and the significant factors that shape their growth and development.

### CP 4020. Introduction to Urban and Regional Planning. 3 Credit Hours.

This course provides an overview of the planning of cities and metropolitan regions. The legal and historical context as well as substantive areas of urban planning are addressed.

### CP 4030. The City and Its Technology. 3 Credit Hours.

This course places urban infrastructure technology within the larger context of planning and development. The social and economic aspects of these systems are highlighted.

### CP 4040. The City in Fiction and Film. 3 Credit Hours.

Examines images and perceptions of the urban environment as portrayed in literature and cinema. Explores the social, economic, and cultural contexts that impact on conception of the city.

### CP 4050. 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 4052. Sustainable Cities Studio. 3 Credit Hours.

This course provides students with a faculty-supervised community engagement experience in developing a sustainability-related project for a non-profit, business, or government agency.

### CP 4060. Urban Data Science. 3 Credit Hours.

This course explores the intersection of data analytics, big data, and artificial intelligence in the context of urban environments.

### CP 4105. 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 4190. Introduction to Climate Change Planning. 3 Credit Hours.

This course equips students with the knowledge and methods necessary to undertake the next generation of state, local, corporate, and enterprise climate action planning.

### CP 4210. Environmental Planning and Impact Assessment. 3 Credit Hours.

Covers the principles of environmental planning and decision making. Examines the methods and processes, and environmental impact assessment and regulation.

### CP 4310. Urban Transportation and Planning. 3 Credit Hours.

This course is designed to introduce the fundamentals of urban transportation planning and policy and is applicable to students in a variety of concentrations of study. The purpose of the course will be to acquaint students with transportation planning as a profession and the types of projects that transportation planners are required to conduct.

### CP 4510. Fundamentals of Geographic Information Systems. 3 Credit Hours.

The course provides a basic understanding of the tools for collecting, storing, and analyzing spatially distributed data. Basic issues of software design and application are covered.

### CP 4541. Environmental Geographic Information Systems. 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 4545. Climate Change Analytics. 3 Credit Hours.

This course addresses the global problem of climate change using powerful, recently-developed tools from the fields of data science and geospatial analytics.

### CP 4570. Socioeconomic Geographic Information Systems. 3 Credit Hours.

This GIS course addresses the collection, management, analysis, and interpretation of spatial social, economic, housing, and demographic information.

### CP 4610. Introduction to Real Estate Investment. 3 Credit Hours.

Introduction to real estate analysis and utilization. Subjects include attributes of real property, value determinations, appraisal, investment analysis, market analysis, asset management, and public aspects.

### CP 4620. Housing and Real Estate Economics. 3 Credit Hours.

Examination of private and public sector approaches to housing. Economic theory of durable goods, demand elasticities, applied market research analyses, and history of public intervention.

**CP 4698. Undergraduate Research. 1-12 Credit Hours.**

Independent research conducted under the guidance of a faculty member. Undergraduate research under the guidance of a faculty member for juniors and seniors.

**CP 4699. Undergraduate Research. 1-12 Credit Hours.**

Independent research conducted under the guidance of a faculty member. Undergraduate research under the guidance of a faculty member for juniors and seniors.

**CP 4811. Special Topics. 1 Credit Hour.**

Topics of current interest not covered in other courses in the department.

**CP 4812. Special Topics. 2 Credit Hours.**

Topics of current interest not covered in other courses in the department.

**CP 4813. Special Topics. 3 Credit Hours.**

Topics of current interest not covered in other courses in the department.

**CP 4814. Special Topics. 4 Credit Hours.**

Topics of current interest not covered in other courses in the department.

**CP 4815. Special Topics. 5 Credit Hours.**

Topics of current interest not covered in other courses in the department.

**CP 4901. Special Problems. 1-21 Credit Hours.**

**CP 4XXX. City Planning Elective. 1-21 Credit Hours.**