

CITY PLANNING (CP)

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 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 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 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.