

Comprehensive Urban Planning Process

Code URP 901	Credit Hours 3-0
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Course Description

The objective of this learning program is to help students to understand the complex process of urban-related life and to analyze the role of planning in solving human and environmental problems. The course also focuses on understanding the role of the professional planner in the planning process; the process of developing a comprehensive plan; and the role of zoning and subdivision regulations in land use planning.

Textbooks:

1. Eric Damian Kelly and Barbara Becker. Community Planning: An Introduction to the Comprehensive Plan. Washington: Island Press, 2000.
2. Dwight H. Merriam. The Complete Guide to Zoning: How Real Estate Owners and Developers Create and Preserve Property Value. New York: McGraw-Hill, 2005.

Reference Books:

1. Kant W. Baur (2010), City Planning for Civil Engineers, Environmental Engineers & Surveyor, CRC Press
2. Cedric Pugh (2000), Sustainable Cities in developing countries, Earthscan Publication, London

Prerequisites

Graduate level courses of Civil Engineering and City & Regional Planning, Architecture, Environmental Engineering

Assessment System for Theory

Quizzes	10-15%
Assignments	5-10%
Mid Terms	25-30%
ESE	40-45%
Term Project	10-15%

Teaching Plan

Week No	Topics	Learning Outcomes
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1-2	Introduction of Current Urban Planning Process	Introduction to the course, learning objectives, teaching plan, and assessment methods. What is strategic design and management? Collaborative efforts in Planning process. Balancing Factors: How planners can create a balance between economic, social, and environmental factors.
3-4	Planning Methods and Techniques	Land Use Planning Environmental Planning Transportation Planning Smart Urbanism Spatial Justice
5-6	Introduction to Planning	Designing and regulating the use of spaces in towns to create orderly, efficient, and aesthetically pleasing environments. Town planning seeks to create vibrant and functional urban areas that enhance the quality of life. History and evolution of town planning
7-8	The Comprehensive Plan	What is a comprehensive plan? History of Master Plan. What are key constituent elements of a Master Plan?
9	MID SEMESTER EXAM	
10	The Planning Profession	Role and responsibilities of a planner Specializations in planning profession Impact of the planners on the quality-of-life citizens How planners lead and connect?
11-13	The Comprehensive Planning Process	Initiation and public engagement for plan making Data collection and Analysis Visioning and goal-setting Plan development Adoption and implementation Monitoring and Evaluation

14-15	Controlling and Regulating Land Use	Importance of Land-use and building control Building codes Incentive schemes Sub-division regulations Development review processes
16-17	Zoning	Defining Zoning Districts Establish Zoning Regulations Implement Zoning Codes Monitor and Update Zones
18	END SEMESTER EXAM	