

**COURSE CONTENT:** Principles of Urban Planning

**Course Code and Title:** 0731-121; Principles of Urban Planning

**Credit:** 3 Credit Hours

**CIE Marks:** 60

**SEE Marks:** 40

**RATIONALE OF THE COURSE**

This course will introduce students to the fundamental concepts, theories and practices of urban planning, as a discipline that shapes the built environment and influences social, economic, and environmental outcomes. It will enable students to understand the historical, political, and cultural context of urbanization and its impacts on human settlements, land use patterns, transportation systems, housing, public services, and natural resources. The course will acquaint students with the various methods, techniques, and tools used by urban planners to analyze urban problems, formulate policies and plans, and evaluate their effectiveness. It seeks to equip students with the foundation knowledge and language required for understanding the planning and design of environmentally sustainable, economically viable, safe and resilient communities. The course and its content will allow students to better understand how planning and design practices have developed overtime, including the implications of ethics within the planning profession.

**CONTENT OF THE COURSE**

SL. NO.	COURSE CONTENT (As Summary)	Hrs.	CLOs
1	<b>Basic concept of planning:</b> What is planning, Why do we plan, How do we plan (stages of the planning process), To what extent can we plan, To what extent should we plan, Definition and characteristics of planning, What do planners do, Dimensions of development planning, Sectoral/ Economic/ Aspatial planning, Spatial planning, Levels of planning, National, regional, and local level of plans with examples, Purpose of spatial planning (Economic efficiency, Functionality, Environmental Sustainability, Resource Conservation, Social Justice), Equality vs. Equity vs. Justice	6	1
2	<b>History of Urban Planning:</b> Emergence of urban planning, Evolution of urban planning, Classical period, Working class movement, Concern to urban public health, Parks movement, City beautiful movement, Urban growth, Garden city concept, New town, Satellite town	6	1
3	<b>Commonly used terminologies for urban areas:</b> Definition of urban area in the context of Bangladesh, Megacity, City, Town, City corporation, Paurashava/ municipal area, Metropolitan area, Suburb, Urban conurbation/ Agglomeration, Primate city, Smart city	6	1

4	<b>Land use components:</b> Land use, Land cover, Major land use components of a town, City center, Central business district (CBD), Residential area, Industrial area, Open space, Urban fringe or town periphery, Transport system, Road hierarchy	6	1
5	<b>Principles of land use planning:</b> Land use values (Social, market and ecological values), Land as a functional space, Land as a setting for activity system, Compatibility among land uses, Mixing vs. segregation of land uses, Land use-transport linkage, Land as a commodity to develop, Land as an aesthetic resource	6	2
6	<b>Urban spatial structure:</b> Theories of urban spatial structure, Concentric zone theory, Sector theory, Multiple nuclei theory	3	2
7	<b>Principles of designing residential neighborhood:</b> Concept of a residential area, Functions of a residential neighborhood, Clarence Perry's neighborhood unit, Neighborhood unit design principles, Transit-oriented development	6	2
8	<b>Tools and techniques for urban planning:</b> Urban renewal, Preservation, Conservation, Redevelopment, Land use zoning, Density zoning, Height zoning	6	2
9	<b>Development Planning in Bangladesh, Administrative Units and Types of Plan:</b> Institutional Framework of Planning in Bangladesh, Planning Commission, Ministry of Housing and Public Works (PWD, NHA, HBRI, City Development Authorities, UDD), Ministry of Local Government, Rural Development and Cooperatives (LGED, City Corporation, Bangladesh Rural Development Board), Ministry of Road Transport and Bridges (DTCA, RHD, BBA, BRTA, BRTC), Different tiers of plan, Master Plan, Urban Development Plan, Structure Plan, Urban Area Plan, Detail Area Plan.	6	3

**Course Learning Outcome:** By the end of the course, students will be able to:

<b>CLO1</b>	Understanding the key concepts of Urban Planning
<b>CLO2</b>	Analyzing the urban planning principles, tools, and techniques, and applying it in the Real Estate sector
<b>CLO3</b>	Being able to understand the development planning practices in Bangladesh and its relation with global trends

**Mapping of Course Learning Outcomes to Program Learning Outcomes [attainment level used for CLOs from 1(weak)-3(strong) correlation]**

PLO's \ CLO's	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1			3			
CLO2		3	3			
CLO3			2	3		

**Mapping Course Learning Outcome (CLOs) with the Teaching-Learning and Assessment Strategy**

CLOs	Teaching-Learning Strategy	Assessment Strategy
CLO1	Lecture, Discussion, Problem based Exercise	Assignment, Quiz, Question & Answer
CLO2	Lecture, Discussion, Problem based Exercise	Quiz, Question & Answer
CLO3	Lecture, Discussion, Problem based Exercise	Presentation, Question & Answer

**ASSESSMENT PATTERN**

**CIE – Breakup [60 marks]**

Bloom's Criteria	Attendance (07)	Class Test (15)	Assignment (05)	Presentation (08)	Mid Exam (25)
Remember	07				
Understand		05		02	05
Apply		05	02	03	10
Analyze		03	03		10
Evaluate		02			
Create				03	

**SEE – Semester End Examination [40 marks]**

<b>Bloom Criteria</b>	<b>Score for the Test</b>
Remember	05
Understand	05
Apply	10
Analyze	10
Evaluate	05
Create	05

**LEARNING MATERIALS**

**Recommended Reading:**

1. Levy, John M. (2006). Contemporary Urban Planning (Seventh Edition). Pearson Prentice Hall, United States of America.
2. Nabi, A. S. M. M. U. (n.d). Urban Planning Technique and Urban Management, Department of Urban and Regional Planning, BUET.

**Supplementary Readings:**

1. Hall, P. (2002) Planning, planners and plans. Urban and Regional Planning. UK: Oxford, Blackwell.
2. Hall, P. (1994) Urban & Regional Planning, 3rd ed. London: Routledge.
3. Greed, C. (1996) Introducing Town Planning, 2nd ed. Essex: Addison Wesley Longman
4. Edward J. Kaiser, David R. Godschalk and F. Stuart Chapin, Jr. (1995) Urban Land Use
5. Planning (Fourth edition). University of Illinois Press, Urbana and Chicago