

Department of City & Regional Planning,
School of Architecture & Planning,
University of Management and Technology

Course Outline – Spatial Development Planning-II

Course Code: CRP-440

Credit Hours: 2+2

Pre-requisite: SDP-I

UMT Vision

OUR VISION IS LEARNING!

It defines our existence, inspires all stakeholders associated with us, creates a powerful momentum inside, and responds to the challenges outside. It continues to evolve as present captures new realities and foresight unfolds new possibilities.

All in an incessant attempt to help individuals and organizations discover their God-given potentials to achieve ultimate Success actualizing the highest standards of efficiency, effectiveness, excellence, equity, trusteeship and sustainable development of global human society.

UMT Mission

OUR MISSION IS LEADING!

We aspire to become a learning institution and evolve as the leading community for the purpose of integrated development of the society by actualizing strategic partnership with stakeholders, harnessing leadership, generating useful knowledge, fostering enduring values, and projecting sustainable technologies and practices.

Vision and Mission Statements of the City & Regional Planning Department

The vision statement of the Department of City & Regional Planning is:

- To be a leading City & Regional Planning Department aiming for excellence in learning, research and innovation with integrity and equity.

The mission of the Department of City & Regional Planning is:

- The mission is to establish a very important program concerning the development and management of the built environment. This is entitled as Bachelor of Science in City and Regional Planning. The studies will be focused on needs of the nation in the field of built environment of our regional, urban and rural settlements. The students are required to be equipped with knowledge of advanced skills, latest knowledge and technology used in the planning and management of various settlements. They need to be fully aware of the current world, new trends and direction of the developments in future.

Program Educational Objectives (PEOs)

Five years after graduating, the graduates of the program should be characterized by the following three features:

PEO-1:

The graduates will apply learnt knowledge and skills of spatial, temporal, and physical planning.

PEO- 2:

The graduates will propose and execute appropriate solutions to complex planning and urban issues and adapt recent developments in planning focusing on research, creativity, and innovation.

PEO-3:

The graduates will reflect core ethical values in their professional conduct and become responsible members of society.

Program Learning Outcomes (PLOs) / Graduate Attributes

Graduates of the BS CRP program at UMT are expected to have acquired and developed the following set of knowledge, skills, and personality traits (these are also referred to as graduate attributes)

PLO 1: Planning Knowledge

An ability to demonstrate knowledge of contemporary planning theories and conceptual ideologies and models.

PLO 2: Designing Analysis

An ability to identify and investigate problems, construct theoretical framework through literature review and case studies and synthesize information.

PLO 3: Professional Skills

Apply planning knowledge in design/planning process to synthesize and articulate multi-faceted variables to generate an integrated solution based on societal and environmental considerations.

PLO 4: Usage of IT

An ability to select and apply appropriate techniques and resources, including prediction and modelling, to complex planning activities.

PLO 5: Communication

Convey ideas and solutions of planning/urban problems in verbal, written and graphical modes, effectively.

PLO 6: Leadership

Ability to opt a role for affective coordination within the team & collaboration with the community.

PLO 7: Professional Ethics

An ability to apply ethical principles and professional codes following the social norms to the best interest of the society.

PLO 8: Lifelong Learning

Capable of acquiring knowledge, skill, and information self-reliantly from diverse sources and appreciating new ideas and concepts.

Course Learning Outcomes:

After studying this course, the learners will be able to:

1. Understand the contents of various planning instruments, like development and execution
2. Understanding structure plan for cities and Local plan for smaller areas at rural or tehsil level etc.
3. Subdividing development plan preparation process for an area
4. Evaluating data to prepare appropriate and viable development plan
5. Evaluating Land use Maps using GIS in Spatial Development Planning Process
6. Building Skill to prepare development plans for human settlements

Title	Course Learning Outcomes	PLO 1: Planning Knowledge	PLO 2: Designing Analysis	PLO 3: Professional Skills	PLO 4: Usage of IT	PLO 5: Communication	PLO 6: Leadership	PLO 7: Professional Ethics	PLO 8: Lifelong Learning
Spatial Development Planning- II	1. Understand the contents of various planning instruments, like development and execution	✓							
	2. Understanding structure plan for cities and Local plan for smaller areas at rural or tehsil level etc.			✓					
	3. Subdividing development plan preparation process for an area	✓		✓					

	4. Evaluating data to prepare appropriate and viable development plan		✓						
	5. Evaluating Land use Maps using GIS in Spatial Development Planning Process				✓				
	6. Building Skill to prepare development plans for human settlements		✓						✓

CODE	NAME	CLO	CLO Type
440.1	440..C1	1. Understand the contents of various planning instruments, like development and execution	C2
440..2	440..C2	2. Understanding structure plan for cities and Local plan for smaller areas at rural or tehsil level etc.	P1
440.3	440.C3	3. Subdividing development plan preparation	P3

		process for an area	
440.4	440.C4	4. Evaluating data to prepare appropriate and viable development plan	C5
440.5	440.C5	5. Evaluating Land use Maps using GIS in Spatial Development Planning Process	C5
440.6	434.C6	6. Building Skill to prepare development plans for human settlements	C6

Content List

- Development Plans Process
- Policy planning: Need, Key Features, National Policy for Urban Growth and New Towns
- Spatial Development Plans; Zoning and Land use Policies to control Urban Sprawl/Haphazard Growth
- Policy Planning in The Light of Existing Studies and Development Strategies
- Local Development Plans Such as Subject Plans and Action Area Plans
- Phasing And Programming: Planning, Programming and Budgeting System (PPBS)
- Development Plan Implementation: Financing and Legislating the Plan Provisions
- Administering the Development Plan (Administrative Requirements during Plan Development Process)
- Coordination between Various Line Departments and the Local Planning Agencies: (Coordination Tools and Methods)

- Public Participation as a Tool for Effective Formulation and Implementation of the Plans and Component Projects
- Development Plans Evaluation and Periodic Feedback

Practical

- Evaluation and Review of existing master plans
- Preparation of a spatial development plan for a town with digitized Land-use maps

Proposed Teaching Methodology

1. Lecturing
2. Demonstration

Proposed Assessment (theory, 100%)

Mid Term (40%)

- Written long/short questions, quizzes etc.

Final Term (60%)

- Written long/short questions, quizzes etc.

Marks Evaluation	Marks inpercentage
Projects + Assignments	50%
Mid Term	15%
Quiz	10%
Final exam	25%
Total	100%

Recommended Text Book

1. Gibbs, Robert J. (2012), Principles of Urban Retail Planning and Development, Wiley.
2. Short, Michael J. (2012), Planning for Tall Buildings, Routledge.
3. Stephenson, John, Planning Procedures, London, North Wood, (Latest Edition).
4. Telling, A. E., Planning Law and Procedure, Butter North & Co., London (Latest Edition).
5. LDA, Lahore, (2014) Building Control Regulations 2014, Lahore, LDA (Latest Edition).
6. LDA, Lahore Land Use Rues 2014, Lahore, LDA (Latest Edition).

7. LDA, Lahore Master Planning Rules 2014, Lahore, LDA (Latest Edition).
8. Levy M.J., (2003), Contemporary Urban Planning, Prentice Hall, (6th edition)
9. KBCA, (2002), Karachi Building & Town Planning Regulation, (Latest Edition)
10. Qadeer, M.A. (1983), Lahore Urban Development in the Third World, Vanguard Books Ltd.1983
11. Chapin Jr. F.Stuart, (1972), Urban Land Use Planning, London University of Illinois Press,
12. CDA, DHA, Byelaws for Building Control (Latest Edition)

COURSE CALENDER

Week	Topics /Activity	Textbook (TB)/Reference (Ref) Readings
Week-01	<ul style="list-style-type: none"> ➤ Theory (Lec-1) <ul style="list-style-type: none"> ○ Introduction to Course ○ Development Plans Process 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Forecasting trends based on Volume-1 	
Week-02	<ul style="list-style-type: none"> ➤ Theory (Lec-2) <ul style="list-style-type: none"> ○ Policy planning: Need, Key Features, National Policy for Urban Growth and New Towns 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Review urban policies for different sectors 	
Week-03	<ul style="list-style-type: none"> ➤ Theory (Lec-3) <ul style="list-style-type: none"> ○ Policy planning: Need, Key Features, National Policy for Urban Growth and New Towns 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Review urban policies for different sectors 	

Week-04	<ul style="list-style-type: none"> ➤ Theory (Lec-4) <ul style="list-style-type: none"> ○ Spatial Development Plans; Zoning and Land use Policies to control Urban Sprawl/Haphazard Growth 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Identifying Areas of Opportunity for different land uses 	
Week-05	<ul style="list-style-type: none"> ➤ Theory (Lec-5) <ul style="list-style-type: none"> ○ Policy Planning in The Light of Existing Studies and Development Strategies 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Preparing the conceptual Plans for different sectors, propose scenarios of development 	
Week-06	<ul style="list-style-type: none"> ➤ Theory (Lec-6) <ul style="list-style-type: none"> ○ Local Development Plans Such as Subject Plans 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Review existing development plans 	
Week-07	<ul style="list-style-type: none"> ➤ Theory (Lec-7) <ul style="list-style-type: none"> ○ Local Development Plans Such as Action Area Plans 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Review Existing development plans 	
Week-08	<ul style="list-style-type: none"> ➤ Theory (Lec-8) <ul style="list-style-type: none"> ○ Immediate Action Plan 	Class Notes
	<ul style="list-style-type: none"> ➤ Practical <ul style="list-style-type: none"> ○ Prepare IAP 	

<p style="text-align: center;"><i>Review of pervious lectures</i></p> <p style="text-align: center;"><i>Mid Term Exam will be Commencing</i></p>		
Week-10	<p>➤ Theory (Lec-9)</p> <ul style="list-style-type: none"> ○ Phasing And Programming: Planning, Programming and Budgeting System (PPBS) 	Class Notes
	<p>➤ Practical</p> <ul style="list-style-type: none"> ○ Review ADP ○ Enlist existing/committed projects 	
Week-11	<p>➤ Theory (Lec-10)</p> <ul style="list-style-type: none"> ○ Development Plan Implementation: Financing and Legislating the Plan Provisions 	Class Notes
	<p>➤ Practical</p> <ul style="list-style-type: none"> ○ Review existing rules and regulations ○ Propose changes in laws if required 	
Week-12	<p>➤ Theory (Lec-11)</p> <ul style="list-style-type: none"> ○ Development Plan Implementation: Financing and Legislating the Plan Provisions 	Class Notes
	<p>➤ Practical</p> <ul style="list-style-type: none"> ○ Develop financial plan ○ Identifying different sources of revenues 	
Week-13	<p>➤ Theory (Lec-12)</p> <ul style="list-style-type: none"> ○ Administering the Development Plan (Administrative Requirements during Plan Development Process) 	Class Notes

	<ul style="list-style-type: none">➤ Practical<ul style="list-style-type: none">○ Review existing institutions○ Develop organogram/flow chart for administrative institutes	
Week-14	<ul style="list-style-type: none">➤ Theory (Lec-13)<ul style="list-style-type: none">○ Coordination between Various Line Departments and the Local Planning Agencies: (Coordination Tools and Methods)	Class Notes
	<ul style="list-style-type: none">➤ Practical<ul style="list-style-type: none">○ Develop a framework for plan implementation	
Week-15	<ul style="list-style-type: none">➤ Theory (Lec-14)<ul style="list-style-type: none">○ Public Participation as a Tool for Effective Formulation and Implementation of the Plans and Component Projects	
	<ul style="list-style-type: none">➤ Practical<ul style="list-style-type: none">○ Develop mechanism for ensuring public participation for plan implementation	
Week-16	<ul style="list-style-type: none">➤ Theory (Lec-15)<ul style="list-style-type: none">○ Development Plans Evaluation and Periodic Feedback	Class Notes
	<ul style="list-style-type: none">➤ Submission of Volume-II of SDP<ul style="list-style-type: none">○ Proposed Master Plan○ Plan Implementation and Monitoring Report	
Week-17	<i>Final Exam will be Held from</i>	