



Jordan University of Science and Technology
Faculty of Architecture And Design
Planning And Urban Studies Department

UP701 Methods In Urban Planning

First Semester 2024-2025

Course Catalog

3 Credit Hours. Urban areas are shaped by a dynamic and complex interplay of social, economic, ecological, political, and other forces. Effective urban planning requires a holistic understanding of these interconnected dimensions. This course is designed to provide students with both the theoretical foundation and practical skills necessary for successful urban planning, emphasizing the use of contemporary methods and research models. The course highlights how urban environments are influenced by multifaceted dynamics and how planners can apply appropriate tools and techniques to address these challenges. Through a blend of practical planning techniques and rigorous research methods, students will gain a comprehensive understanding of how to design, evaluate, and implement urban initiatives. Key areas of focus include: 1. Practical Planning Methods and Models: This section explores systematic approaches to strategic planning, policy development, and plan creation. Students will learn how to apply current urban planning models to real-world scenarios, with a particular emphasis on the plan-making process. It also covers advancements in strategic urban planning and policy-making, addressing the conceptual and methodological developments that guide contemporary practice. 2. Research Methods in Urban Planning: This section introduces students to essential research methods, including data collection, analysis, and interpretation, with a focus on conducting high-quality urban research. Theoretical foundations of research design are covered, along with practical applications of various methods for understanding urban phenomena and informing policy decisions. By integrating applied examples and research-driven learning, the course provides students with a robust foundation in urban planning processes and research methodologies, enabling them to create actionable solutions for real-world urban challenges.

Teaching Method: On Campus

Text Book

Title	Planning in the Public Domain: From Knowledge to Action
Author(s)	John Friedmann
Edition	1st Edition
Short Name	REF 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
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REF 2	Urban Planning For Dummies	Jordan Yin	1st Edition	
REF 3	Urban Planning Theory since 1945	Nigel Taylor	1st Edition	
REF 4	Cities for People	Jan Gehl	2nd Edition	
REF 5	Collaborative Planning: Shaping Places in Fragmented Societies	Patsy Healey	2nd Edition	
REF 6	The Just City	Susan S. Fainstein	2nd Edition	
REF 6	Research Methods in Urban and Regional Planning.	Xinhao Wang, Rainer Hofe	1st Edition	

Instructor	
Name	Dr. Aliaa Amr
Office Location	A3-301
Office Hours	Sun : 11:30 - 12:30 Mon : 08:00 - 09:00 Tue : 09:30 - 11:30 Thu : 08:00 - 10:00
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Class Schedule & Room
Section 1: Lecture Time: Sun : 08:30 - 11:30 Room: U

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Urban Planning and its theorizations	From REF 1 , From REF 2 , From REF 3
Weeks 2, 3, 4, 5, 6	Methods and Models	From REF 1 , From REF 2 , From REF 3 , From REF 4 , From REF 5 , From REF 6
Weeks 7, 8, 9, 10, 11	Research Methods in Urban Planning	From REF 1 , From REF 4 , From REF 6

Weeks 12, 13, 14, 15, 16	Tools and Techniques-Research Methods in Urban Planning	From REF 4 , From REF 5 , From REF 6
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Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Critically Engage with Theoretical Traditions: Analyze and engage with the major theoretical frameworks and praxis traditions that shape contemporary urban planning, within a global-comparative perspective, and understand their implications for policy and practice.	20%	
Examine the Evolution of Planning Approaches: Evaluate the historical and theoretical evolution of key planning models, elucidating their interrelationships and implications for addressing contemporary urban challenges.	20%	
Execute Comprehensive Research Projects: Develop the technical and intellectual skills to design, execute, and critically assess a substantial urban planning research project, ensuring the findings are effectively aligned with both local and broader urban issues.	40%	
Integrate Research Methods with Theory: Situate empirical research within broader theoretical frameworks, employing advanced research methods to analyze urban phenomena in relation to historic, environmental, socio-economic, and cultural factors.	20%	

Relationship to Program Student Outcomes (Out of 100%)													
K1	K2	K3	K4	S1	S2	S3	S4	S5	C1	C2	C3	C4	C5

Evaluation	
Assessment Tool	Weight
Take-home Exam: A midterm examination covering key concepts discussed in class	25%

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