



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

URP211 Urban Design

First Semester 2024-2025

Course Catalog

3 Credit Hours. This course provides an in-depth exploration of urban design, examining its core principles, elements, and relationship to both architecture and urban planning. Through historical perspectives and contemporary strategies, students will investigate urban design's evolution from the mid-20th century to the present. Key topics include the role of urban design at different scales?site, street, district, and city?and its influence on cityscapes, sustainability, and urban development. Using case studies, students will critically assess approaches like redevelopment, infill, and sustainable design interventions. The course, grounded in seminal texts such as Public Places, Urban Spaces and The Urban Design Reader, emphasizes urban design as a crucial mediator in shaping functional, sustainable, and aesthetically pleasing urban environments.

Teaching Method: Blended

Text Book

Title	Public Places, Urban Spaces: The Dimensions of Urban Design
Author(s)	Carmona, Matthew, Heath, Tim, Oc, Taner, & Tiesdell, Steven.
Edition	1st Edition
Short Name	REF 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
REF 2	Urban Design Reader	Matthew Carmona and Steve Tiesdell	2nd Edition	
REF 3	Cities for People	Jan Gehl	2nd Edition	
REF 4	Finding the Lost Space	Roger Trancik	2nd 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
Email	akamr3@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon : 10:00 - 11:30 Room: A3131

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Understanding urban design	From REF 1
Weeks 2, 3	The Morphological and Social Dimensions of Urban Design	From REF 1
Weeks 4, 5	The Perceptual and Visual Dimensions of Urban Design	From REF 1
Weeks 6, 7	The Functional and Temporal Dimensions of Urban Spaces	From REF 1 , From REF 2
Week 8	Implementing Urban Design	From REF 1 , From REF 2
Weeks 9, 10	Human-Centered Urban Design	From REF 3 , From REF 4
Week 11	Urban Life and Public Spaces	From REF 3
Week 12	The Importance of Pedestrian-Friendly Cities	From REF 3
Week 13	Designing Safe and Accessible Public Spaces	From REF 3
Week 14	Sustainability and Urban Design	From REF 3
Week 15	Public Spaces as Social Spaces	From REF 3
Week 16	The Challenges of Density in Urban Design- Principles of Designing Future Cities	From REF 3 , From REF 4

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Distinguish between the roles and approaches of urban design, architecture, and city planning.	10%	
Understand core theories and driving factors of urban design.	10%	
Differentiate between urban design as an iterative process and as a tangible outcome or product.	10%	

Identify and describe the different dimensions of urban design.	35%	
Recognize key elements and principles of sustainable urban design in various contexts.	5%	
Define and evaluate the criteria for what constitutes quality urban design and effective urban form.	20%	
Analyze factors and determinants of urban development, including land use, social equity, class dynamics, housing typologies, technological advancements, and ideal urban models.	10%	

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

Evaluation	
Assessment Tool	Weight
Midterm Exam	30%

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