



**DEPARTMENT OF ARCHITECTURE  
UNIVERSITY OF THE PUNJAB, LAHORE.**

**BACHELORS OF ARCHITECTURE (B. ARCH)  
5 YEARS PROGRAM**

**COURSE OUTLINE**

Course Title	<b>Urban Design I</b>
Course Code	<b>ARCH-426</b>
Credit Hours	<b>2</b>
Semester	<b>7<sup>th</sup> Semester / Fall</b>
Prerequisites	<b>NA</b>
Tutor	<b>As per Timetable</b>
Student Advising	<b>As per Timetable</b>
Contact	<b>-</b>

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**Teacher Signature**

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**Chairman Signature**

## **Course introduction**

Urban Design deals with the visual, spatial and social management of the Urban Environment, and involves the arrangement and design of buildings, public spaces, transport systems, services, and amenities. It is the process of giving form, shape, and character to groups of buildings, to whole neighborhoods, and the city.

“There is no logic that can be superimposed on the city; people make it, and it is to them, not buildings, that we must fit our plans.”

Jane Jacobs

## **Learning Objective:**

This course is meant to provide knowledge of basic urban concepts and at the same time to provide a critical investigation of the various urban design paradigms and approaches that respond to the challenges of contemporary urbanism. It introduces the methods with which urban design has guided public interventions in the built environment, and on that basis students are expected to be able to functionally and creatively improve the physical characteristics of the urban space and built environment.

## **Outcome**

The primary objective of the course is to introduce students to the urban design process from initial analysis through schematic design and presentation of urban design elements/movements. Other objectives include:

1. Exposure and direct experience of urban design, communication and presentation techniques commonly used in the urban design field.
2. To develop student's ability to understand, analyze and evaluate artistic aspects and means of expression related to urban design.
3. Develop knowledge of best practices in urban design, and planning for urban development/ redevelopment.

## **Learning Methodology:**

- Lectures as provided in the schedule of the semester activities
- Study of Archival Material and recommended books
- Guest Lectures as per requirement
- Presentation on allocated topics

## **Grade Evaluation Criteria**

Following, is the criteria for the distribution of marks to evaluate final grade in a semester.

### **Marks Evaluation**

### **Marks in percentage**

Sessional (Assignments, Quizzes, Presentations)	30
Mid Term	30
Final examination	40

<b>Total</b>	<b>100</b>
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<b>Content</b>	
<b>Unit 1</b>	Introduction to Urban Design, the Definition of Public Realm, Types of Urban Design. • What is Urban Design? • Concept of Urban Space (piazza, Squares, streets etc) • How urban space plays role in motivating the social life. • Sub strands of Urban Design.
<b>Unit 2</b>	Introduction to basic concepts of Program versus Paradigm, City and Anti City and so forth. • Space without spirit/ Space with Spirit • Articulation of urban space and form. → Meeting the sky → Meeting the Ground → Points in space → Recession Planes → Elevated Planes → Design in depth → Concavity/Convexity Assignment: Make an A4 sheets taking a picture and defining it with reference to the points taught in class.
<b>Unit 3</b>	Introduction to various Theories on Urban Design Earliest planned inhabitations
<b>Unit 4</b>	Urban design through Renaissance, Enlightenment and French revolution
<b>Unit 5</b>	Urban Design during the Industrial revolution
<b>Unit 6</b>	The Modern movement
<b>Unit 7</b>	Postmodernism- 1/ Postmodernism-2
<b>Unit 8</b>	Theories into Practice-1/ criticism
<b>Unit 9</b>	<b>Mid Term Exam</b>
<b>Unit 10</b>	Forces Affecting Urban Development Viewpoints on the City: How are

	<p>cities understood? City themes and city culture. Representations of cities as examples of viewpoints. The idea of imaging a city from the viewpoint of its inhabitants: Kevin Lynch. Lowell, MA as an example in changing the viewpoint on a city. The Forces that Made Boston: How does a city grow? The city viewed in time as a process of cultural evolution. The recursive nature of form. How underlying forces are given form through design. Boston as an example of forces acting on the city and models of design applied to resolve them.</p>
<b>Unit 11</b>	<p>Urban design elements design, Street, Paths, Public Realms. Theory and Discussion.</p> <ul style="list-style-type: none"> <li>• Urban Nature: How ideas of nature influence the way cities are perceived and built. How natural processes and urban form interact. How we can shape the urban natural environment.</li> </ul> <p>Examples:</p> <p>High Line – New York Assignment:</p> <ul style="list-style-type: none"> <li>• Walking Tour of old city and infilling the small empty spaces.</li> </ul>
<b>Unit 12</b>	1. Neighborhood Theory and Discussion on Charter of New Urbanism.
<b>Unit 13</b>	2. Design exercise/ Seminar: Street, Paths, Public Realms. Theory and Discussion
<b>Unit 14</b>	1. Design exercise/ Seminar City Centers, Pedestrianization Studies
<b>Unit 15</b>	2. Generic City Center Theory and Discussion
<b>Unit 16</b>	Design exercise/ Seminar Generic City Design

<b>Unit 17</b>	Conclusions, Summations and Discussion on Manifesto
<b>Unit 18</b>	Final Exam
<b>Recommended Books/References</b>	<ol style="list-style-type: none"> <li>1. Eisner S, Gallion A, Eisner S. <i>The Urban Pattern, 6th Edition</i>. 6th edition. Wiley; 1993.</li> <li>2. Whyte WH. <i>The Social Life of Small Urban Spaces</i>. 8th ed. edition. Project for Public Spaces; 2001.</li> <li>3. Watson D. <i>Time-Saver Standards for Urban Design</i>. 1st edition. McGraw Hill; 2003.</li> <li>4. Meeda B. <i>Graphics for Urban Design, Second Edition</i>. Second edition. ICE Publishing; 2018.</li> <li>5. Jacobs J. <i>The Death and Life of Great American Cities</i>. Reissue edition. Vintage; 1992.</li> <li>6. Mehaffy MW, Alexander C. <i>A City Is Not a Tree: 50th Anniversary Edition</i>. Sustasis Press; 2016.</li> <li>7. Alexander C, Ishikawa S, Silverstein M, Jacobson M, Fiksdahl-King I, Angel S. <i>A Pattern Language: Towns, Buildings, Construction</i>. Oxford University Press; 1977.</li> <li>8. Gehl J. <i>Life Between Buildings: Using Public Space</i>. Sixth Edition, Sixth Edition, Sixth. Island Press; 2011.</li> <li>9. Krier R. <i>Urban Space</i>. Rizzoli; 1993.</li> <li>10. Cullen G. <i>Concise Townscape</i>. Architectural Press; 1995.</li> <li>11. Lynch K, Appleyard D, Myer JR. <i>The View From the Road</i>. MIT</li> </ol>

Press; 1965.

12. Jacobs AB. *Great Streets*. MIT Press; 1993.

13. Lynch K. *The Image of the City*. MIT Press; 1960.

14. Broadbent G. *Emerging Concepts in Urban Space Design*. Van  
Nostrand Reinhold (International); 1990.