**SCHOOL OF ARCHITECTURE AND PLANNING, UMT, Lahore**

**DEPARTMENT OF ARCHITECTURE**

**PROGRAM: PhD In ARCHITECTURE (PHD. ARCH)**

**SEMESTER: SPRING 2023**

Course code: **AR824**

Course title: **Trends in Urban Renewal and**

 **Revitalization in Practice**

**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.

### **Mission of the School OF ARCHITECTURE AND PLANNING**

The mission of the School is to provide the best leadership in the fields of the built environment; particularly in the development, management and innovation in the fields of architecture, urban planning and related specializations and sub-specializations

### **Mission of the Department OF ARCHITECTURE**

At the Department of Architecture our mission is to challenge the participants to develop their abilities in solving complex problems by thinking creatively & informed decision making as a core of their professional schooling. Offering them a diverse interdisciplinary and meticulous program of studies led by an adroit faculty in a comprehensive studios or class environment and preparing them for leadership roles in the field of Architecture, Construction, Landscape, Built Environment and community development.

**Vision and Mission Statements of the PhD. Arch Program**

**of the Department of Architecture**

**Vision:**

The vision of the program is to lay the basis of research on comparative basis at international level. The graduates are equipped with the latest knowledge and enabled to jump into the blue ocean for finding new horizons of knowledge aiming for excellence in learning, ethical research and innovation.

**Mission:**

The mission is to lead at national and international level in solving complex problems with their profound global knowledge, ethical values, research abilities and leadership skills. Thus, it will enable graduates to excel professionally in the field of Architecture and to represent a leading institution of architecture in production of graduates equipped with integrity and equity.

**PROGRAM: PhD Architecture**

**Spring Semester 2023**

**Course Outline**

Course code: **AR824**

Course title: **TRENDS IN URBAN RENEWAL AND REVITALIZATION IN PRACTICE**

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| Program | **PhD Architecture** |
| Credit Hours | **3** |
| Duration | One Semester  |
| Prerequisites | Nil |
| Resource Person | Prof. Dr. Muhammad Yusuf Awan |
| Counseling Timing(Room# 4L-9 ) | WEDNESDAYS: 12.00-14.00THURSDAYS: 12.00-14.00 |
| Contact | Mobile: 0092 321 4113265 0092 300 8451908Email: yusuf.awan@umt.edu.pk |
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**Chairman/Director signature………………………………….**

**Dean’s signature…………………………… Date………………………………………….**

**Learning Objective:**

**AR-824: TRENDS IN URBAN RENEWAL AND REVITALIZATION IN PRACTICE**

**Learning Objective**

The objective of the course is to understand the negative changes that take place within the older parts of a city and various way in which these may be addressed.

**CLO:1:** To comprehend the origin and basis of an old city with regard to its economic, social and

administrative requirements.

**CLO:2:** TO identify the mechanisms that tend to bring in negative changes and decay.

**CLO:3:** To study the documented case studies from various parts of the world, where remedial

 measures were taken up for renewal and revitalization.

**CLO:4:** To analyze the steps taken and projects on urban conservation by the national and

 international organizations leading towards urban renewal and revitalization in practice.

**CLO:5:** To prepare a student for through understanding of PhD research through term paper and

class presentations of various case studies.

**Syllabus:**

* Formation of larger historic settlements, contribution of various factors such as locational, geographical, climatic, administrative, social, economic and cultural. Aspects of historical development of urban centers.
* Study of major historical urban centers of Pakistan such as Lahore, Peshawar, Multan, Karachi etc.
* Theories and discussion on issues of Urban renewal
* Causes of Urban Renewal and Principles of Urban Renewal
* Study and review of the Lahore Walled city area under urban renewal
* Sustainable development with respect to Housing and Housing policy of Pakistan
* Survey and Study of slum areas in large cities of Pakistan
* Consideration of failures of urban renewal process and solutions
* Importance of Land Tenure in slums improvement, current practices in urban renewal.
* Development of appropriate proposal for urban renewal

**Recommended Books and other related reading material:**

* Urban Land Economics and Public policy by P. N. Balch, J. L. Kieve
* The Language of Urban Conservation by Neil Grieve
* Evaluation in Urban Conservation: Case Studies by Jamie Mckee
* Heritage, Culture and Conservation by Rebecca Madgin
* Urban Conservation Planning in London and Istanbul by H. Azru Kocabas
* Urban Renewal Theory and Practice by Chris Couch

**Program Educational Objectives (PEOs)**

The students will be prepared to carry out PhD research leading to a meaningful and innovative PhD Thesis. The program is focused on major educational objectives as given below:

**PEO 1:** Enhancement of the knowledge of graduates in terms of breadth and depth of earlier leaning at bachelor and master level.

**PEO 2:** The graduates will be able to lead in research in the fields of built environment and will demonstrate career growth and continuous commitment to the enhancement of technical and interpersonal skills.

**PEO 3:**  The graduates will uphold ethical values in their professional and societal activities.

**Program Learning Outcomes (PLOs) / Graduate Attributes**

Graduates of the PhD Architecture 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 Global Architecture Knowledge:** An ability to apply knowledge of art, aesthetics, architectural skills, design, building technology, issues of conservation, urban design and environmental design and architectural specializations to the solution of
complex architectural problems.

**PLO 2 Problem Analysis:** An ability to identify, formulate, search literature, and analyze
complex architecture problems reaching substantiated conclusions using principles of art, design and social sciences.

**PLO 3 Investigation:** An ability to investigate complex architecture problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid
conclusions.

**PLO 4 The Architect and Society:** An ability to apply reasoning informed by contextual
knowledge to assess societal, health, safety, legal and cultural issues and the
consequent responsibilities relevant to professional architectural practice and solution
to complex architectural problems.

**PLO 5 Environment and Sustainability:** An ability to understand the impact of professional
architectural solutions in societal and environmental contexts and demonstrate
knowledge of and need for sustainable development.

**PLO 6 Ethics:** Apply ethical principles and commit to professional ethics and responsibilities
and norms of architectural practice.

**PLO 7 Communication:** An ability to communicate effectively, orally as well as in writing, on complex architectural activities with the professional community and with society at large, such as being able to comprehend and write effective reports and design
documentation, make effective presentations, and give and receive clear instructions.

**PLO 8 Lifelong Learning:** Anability to recognize the importance of, and pursue lifelong learning in the broader context of innovation and global developments.

**Course Learning Outcomes (CLOs):**

**AR824:** **Trends in Urban Renewal and Revitalization in Practice**

**After successful completion of the course, the students will be able to:**

**CLO:1:** To comprehend the origin and basis of an old city with regard to its economic, social and

administrative requirements.

**CLO:2:** TO identify the mechanisms that tend to bring in negative changes and decay.

**CLO:3:** To study the documented case studies from various parts of the world, where there

 remedial measures were taken up for renewal and revitalization.

**CLO:4:** To analyze the steps taken and projects on urban conservation by the national and

 international organizations leading towards urban renewal and revitalization in practice.

**CLO:5:** To prepare a student for through understanding of PhD research through term paper and

class presentations of various case studies.

**Mapping of CLO’s to Program’s Learning outcomes (PLO’s)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Semester** | **Course Code** | **Title** | **Course Learning outcomes** | **PLO 1** | **PLO 2** | **PLO 3** | **PLO 4** | **PLO 5** | **PLO 6** | **PLO 7** | **PLO 8** |
| **2ND SEMESTER** | **AR-824** | **Conservation of Architectural Heritage** | What have you learnt about factors responsible for establishment of large cities? (CLO1) | **√** |  |  |  |  |  |  |  |
| What negative changes have you identified which led to decay? (CLO2) |  | **√** |  | **√** |  |  |  |  |
| What have you learnt from the remedial measures taken to address the urban renewal and revitalization?(CLO3) |  |  | **√** |  |  |  |  |  |
| How do you relate the measures taken in the Urban Conservation leading towards urban revitalization? (CLO4) |  |  |  |  | **√** | **√** |  |  |
| How much have you learnt from the course and various studies and analysis for having clarity for PhD research? (CLO5) |  |  |  |  |  |  | **√** | **√** |

**Learning Methodology:**

This course is on the study of development and growth mechanisms of a city with special emphasis on factors that contribute towards change in the social and economic role and character of older city sectors, with focus on documented case studies from various parts of the World, where remedial measures were taken up for renewal and revitalization of such sectors, and must include an analysis of degree and nature of success.

Supported by classroom lectures, literature studies, case studies problem solving exercises, presentations, term paper, field/site visit(s)

**Grade Evaluation Criteria**

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| **Components** | **Marks** |
| Complex presentations/ progress reviews   | 10 |
| Quizzes / Assignments | 15 |
| Mid Term Exam | 25 |
| Final Exam | 50 |
| Total | 100 |

**Calendar of Course contents to be covered during semester**

**Course code: AR824**

**Course title: Trends in Urban Renewal and Revitalization in Practice**

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|  **Week** |  **Course Contents**  | **Reference Chapter(s)** |
|  1 | Introduction to the course, theories and discussion on issues of urban renewal and setting the scene of teaching and learning during the semester. Approach of study on true facts and figures and authenticity of the need for urban renewal. (CLO:1)  | Vitruvius, M. P. Ten Books of Architecture, Translated by Morris Hicke Oy Morgan. New York: Dover Publications, 1960 |
|   2 | Understanding the contributing factors behind formation and development of large urban centers in Pakistan. Considering the cases of Lahore, Peshawar, Multan and Karachi(CLO:1)**Introduction to the Term Paper**(CLO 4 & 5) | Class LecturesLahore: Architectural Remains by S. M. Latif |
|  3 | Causes of urban renewal and principles of urban renewal. Aspects of historical development of urban development.(CLO:2)**Assignment 1: Introduction** | **Compulsory Reading:**Alberti, L.B.Ten Books of Architecture. (Translated by Giacomo Leoni), London, 1955 (first English Publication 1726)**Support Text:**Perrault, C. Ordinance for the five kinds of columns after the method of the ancients. Introduction by Alberti Paerez-Gaomez: translation by Indra Kagis Me-Ewen, Sanita Monica: Getty Center, 1993 |
|  4 | Case Studies, Presentation and Discussion**Presentation on Assignment 1****(CLO 4 & 5)** | Compulsory ReadingMall-grave, H.F “Preface and Chapter 01” in Modern Architectural Theory, A Historical Survey 1673-1968. Cambridge University Press. 2009 |
|  5 | **PRESENTATION 01**(CLO:3)**Presentation on progress of research on the Term Paper****(CLO 4 & 5)** | Class Lecture and instructions |
|  6 | Urban Planning and Designing, terminologies (CLO:3)**Feedback on learning and Questions/ Answers Session**  | Broug Eric, Islamic Geometric Design Thames & Hudson, 2013 |
|   7 | Study of Walled City Area of Lahore and its review(CLO:3)**Assignment 2** | Class Notes |
|   8 | Sustainable Development with respect to Housing and Housing Policy of Pakistan | Paccoud, Antoine (2015) Planning Law, power and practice: Haussmann in Paris (1853-1870), Planning PerspectivesDanta, Darrick. Ceausescu’s Bucharest Geographical Review Vol.83, No. 2(Apr., 1993) pp 170-182Doxiadis, K. A., Islamabad: The Capital of Pakistan |
|  9 | MID TERM EXAMINATION Introduction to next topics | Class Notes |
|  10 | Selection of a Slum Area for case study in Lahore(CLO:1 & 3)**Question- Answer Session on Assignment 2** | Lefebvre, Henri, The Production of Space, Wiley-Blackwell. 1992Harvey, D. Rebel Cities: From the Right to the City to the Urban Revolution. Verso, 2013 |

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|  11 | Survey and Data Collection of the Slum Area(CLO:3) **Presentation on Assignment 2****(CLO 4 & 5)** | Hillier, Bill. Space is the machine: A configurational theory of architecture. Create Space Independent. 2015 |
|  12 | Failures of urban renewal process and solutions(CLO:1, 2 & 3)**Review of the work done on Term Paper (CLO 4 & 5)****Assignment: 3** | Venturi, Robert. Complexity and Contradiction in Architecture. MOMA. 1974Appignanesi, Richard & Garratt, Chris. Introducing Post-Modernism, I con Books. 2003. |
|   13 | Importance of Land Tenure in Slums improvementCurrent practice in urban renewal(CLO:1 & 3)**Further discussion on Assignment 3** | Said, Edward. Orientalism. Vintage. 1979. King, Anthony, Spaces of Global Cultures: architecture, Urbanism, Identity. Routledge, 2004Frampton, Kenneth, “Towards a Critical Regionalism” 1981 |
|  14 | **PRESENTATION 02** | Class notes |
|  15 | Development of Proposal(CLO:3)**(CLO 4& 5)** | Oxman, R. Theory and design in the first digital age. Design Studies- Theory, 2011Arteta, Jon. A Brief History of Digital Architecture. “The Paradigm of Complexity in Architectural and Urban Design” 2017 |
|  16 | **Submission of Assignment 3****Submission and presentation of Term Paper** | Class Notes |
|  17 | FINAL EXAMINATION | Class Notes and reading material referred above  |

Prof. Dr. Muhammad Yusuf Awan