



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

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

COURSE OUTLINE

Course Title	Architectural Conservation
Course Code	ARCH-474
Credit Hours	2
Semester	7th Semester / Fall
Prerequisites	NA
Tutor	As per Timetable
Student Advising	As per Timetable
Contact	-

Teacher Signature

Chairman Signature

Course introduction

This course covers general knowledge about architecture and urban conservation and different theories of architectural conservation. Technical, socioeconomic and legal factors affecting the conservation of historic buildings and sites. Adaptive reuse of historic buildings. International charters concerning the conservation of historic buildings and sites. The process of conservation: documentation, survey, problem analysis, design, preservation techniques and maintenance. The course consists of series of lectures covering the architectural and urban conservation aspects and a project as a practical application on the conservation of a historic building and areas.

Learning Objective:

To expose students to the multidisciplinary and interdisciplinary nature of sustainable integrated conservation as well as to stimulate and encourage intellectual inquiry and research of cultural heritage, based on critical approach, so as to ensure students develop basic knowledge on heritage protection required to function as responsible architects and urban planners in the historic environments

Outcome

Upon completion of this course, the student should be able to:

- Recognize, work on and share knowledge in the policies and strategies of architecture and urban conservation.
- Recognize and works on the techniques of architecture conservation.
- Share knowledge in the required research for the documentation of architectural heritage.
- Plan, design and manage architecture conservation projects in all their stages: determination of goals, data collection and analysis, causes of decay, laboratory tests, structural stability, consolidation and all preservation and restoration works for different building elements.
- Analyze, discuss and criticize in the architecture and urban conservation issues.

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
Total	100

Content	
Unit 1	Course overview and introduction, heritage conservation- need, debate and purpose;
Unit 2	Understanding heritage and types of heritage resources, values and significance.
Unit 3	Significance and value assessment, approaches of conservation.
Unit 4	Divergent approaches and ethics of conservation; history of conservation movement
Unit 5	Concepts and definitions; international agencies like ICCROM, UNESCO and their role in conservation.
Unit 6	World Heritage Sites, selection criteria, authenticity and integrity, case studies, endangered sites.
Unit 7	Causes of decay; listing, documentation and assessment of heritage structures, sites and precincts.
Unit 8	Investigation, state of preservation and preparing conservation report, case studies; guidelines for maintenance and repair.
Unit 9	Mid Term Exam
Unit 10	Categories, types and issues of heritage precincts, zones and historic areas; planning for heritage districts, towns and cities; selected case studies.
Unit 11	Design of new building in historic settings, townscape analysis , visual integration; heritage impact assessment; adaptive reuse of heritage structures
Unit 12	organisational framework and heritage site management ,financial

	incentives and planning tools
Unit 13	role of agencies in safeguarding heritage in India ; role of voluntary organisations and community participation; interpretation and presentation of historic sites
Unit 14	heritage tourism; potential and opportunities of heritage conservation
Unit 15	Urban Conservation Principles
Unit 16	International Charters for Historic Settlements
Unit 17	Management and Finance: simulation exercise
Unit 18	Final Exam
Recommended Books/References	<ol style="list-style-type: none"> 1. Appleyard, D. (Ed.). (1979). The Conservation of European Cities. Massachusetts: M.I.T. Press. 2. Basu, S., Mukerji A (Eds.) (2017). Integrated Urban Conservation: An Approach towards Development, ISBN: 978-93-5268-866-1, Kharagpur: Department of Architecture and Regional Planning, IIT, Kharagpur. 3. Croci, G. (1998). The Conservation and Structural Restoration of Architectural Heritage. Southampton, UK: WIT Press. 4. Fitch, J.M. (Reprint edition 1990). Historic Preservation: Curatorial Management of the Built World. Virginia: University Press of Virginia. 5. Cullinane, J. J. (2012). Maintaining and Repairing Old and Historic Buildings. Wiley-Blackwell. 6. Evans, N.L. (2014). An Introduction to Architectural Conservation: Philosophy, Legislation and Practice. London: RIBA

	<p>Publishing.</p> <p>7. Feilden, B. M. (2003). Conservation of Historic Buildings. London: Routledge.</p> <p>8. Glendenning, M. (2013). The Conservation Movement: A History of Architectural Preservation: Antiquity to Modernity. London: Routledge.</p>
--	---