

HISTORIC PRESERVATION (MS)

Contacts

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Campus: East Falls

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/architecture-and-the-built-environment/programs/historic-preservation-ms.html>)

Program Description

- **STEM** Designated Program

Jefferson’s MS in Historic Preservation not only prepares graduates to preserve historic buildings and sites, but also to re-envision and re-purpose the past to serve present and future needs. The curriculum foregrounds adaptive reuse of historic structures as well as in-depth analysis through historical research and graphic documentation. Students develop skills fundamental to assess the condition and evolution of buildings and promote the ways historic structures order the urban fabric, contribute to healthy communities, and facilitate “place-making” as a catalyst for community revitalization. Students apply new and rapidly evolving digital technologies for managing, documenting and interpreting culturally significant structures and places.

Philadelphia, the first UNESCO World Heritage City in the US, a living laboratory of architectural styles and periods, offering a wealth of real-world projects and internships. Study Away Options—Spring semester studying preservation of Modernism at Bauhaus, Anhalt University, Dessau, Germany and research at Terragni Archives, Como Italy.

Customize study by selecting one of two tracks:

- Research and Documentation
- Preservation Design

Learning Goals/Outcomes

- Develop preservation protocols tailored to unique character of early and mid-century modern architecture
- Implement physical documentation and forensic analysis in the assessment of individual structures and sites as intrinsic to the current practice of architecture and preservation.
- Acquire competency in the application of analogue and digital techniques and software, particularly freehand sketching, constructed hand drawn drawings, model building, and CAD, 3-D modeling, LIDAR, Photogrammetry, and GIS.
- Assess and implement sustainable methods in the retrofitting of historic structures.
- Execute a holistic approach to preservation planning, as applied to the adaptive reuse of historic buildings and their role in urban regeneration via real world, community-based projects
- Evaluate preservation strategies, policies and methods as part of broad historic and social contexts
- Research, analyze, and compare preservation methodologies within a global context

- Apply economic and legal aspects of preservation to projects at multiple scales from micro to macro
- Support preservation as a model of embodied energy and as a sustainable solution to our environmental crisis via the adaptive reuse of historic structures
- Master archival research skills and digital technologies as applied to preservation.

Curriculum: 2 Year, 49 Credits

Course	Title	Credits
Pre-Fall Semester		
Pre-Year 1 (based upon evaluation):		
ARCH 602	Visualization 1	3
Credits		3
First Year		
MHP 602	Uncovering the Past: Tools, Me	3
MHP 626	Building Conservation	3
MHP 624	Architectural Forensic and Doc	3
MHP 621	Issues of Contemporary Preserv	3
MHP 603	Rest & Rehab of Modernst Bldgs	3
ARCH 672	American Architecture	3
GEOD 610	Introduction to GIS	3
MHP 623	Preservation Economics	3
Credits		24
Second Year		
MHP 605	Preservation Thesis	4
MHP 620	Thesis Preparation	3
MHP 622	Adptv Reuse & Urb Revitlzn	3
ARCH 671	Vernacular Architecture	3
Three Designated Electives		9
SDN 601	Princ & Methods of Sust Design	3
Credits		25
Total Credits		52