

# PRESERVATION DESIGN (PRES)

## **PRES 110 Studio I: Introduction to Preservation Design — Global Theory and Practice (5 Credits)**

Working collaboratively, preservation designers examine the interrelationship between heritage and contemporary life to create innovative strategies that balance societal demands of the present and future with the need to preserve what we value from the past. Students are introduced to this rapidly evolving discipline through a comprehensive review of its foundational principles and practices, and an examination of global perspectives for managing and adapting heritage resources.

**Prerequisite(s):** (SBLD 115 or DRAW 115) and (CTXT 122 or ARTH 110) and (ENGL 123 or ENGL 193); Liability waiver is required.

**Attributes:** Business-focused elective; Studio Elective Requirement

## **PRES 210 Studio II: Investigating and Evaluating Heritage — Research and Survey (5 Credits)**

The preservation of heritage resources plays a pivotal role in the culture and economy of contemporary society. Through extensive research within physical and digital archival repositories, students unearth and elucidate the social, cultural and architectural significance of historic properties, documenting their findings through National Register nominations and other historic property surveys.

**Prerequisite(s):** PRES 110 and (SBLD 115 or DRAW 115).

**Attributes:** Studio Elective Requirement

## **PRES 220 Studio III: Conservation Science — Traditional to Modern Materials (5 Credits)**

A thorough understanding of traditional to modern materials — including their properties, deterioration mechanisms and conservation methods — is paramount to the practice of conservation science. In this course, students simulate scenarios within laboratory exercises, field work and independent research to inform and recommend treatment strategies for deteriorated or damaged architectural features.

**Prerequisite(s):** PRES 110 or HIPR 101.

**Attributes:** Studio Elective Requirement

## **PRES 305 Digital Practices in Preservation Design (5 Credits)**

Emerging preservation practice incorporates innovative digital technologies to investigate, document and record heritage resources. Through rigorous and engaging projects, students learn the leading-edge applications that have advanced research and communication within the discipline and transformed the practice of preservation.

**Prerequisite(s):** (PRES 210 or HIPR 202) and ELDS 225.

**Attributes:** Studio Elective Requirement

## **PRES 310 Studio IV: Policy and Planning — Preservation Design and Advocacy (5 Credits)**

Creating design solutions that meet the needs of communities while protecting significant heritage resources requires a comprehensive understanding of preservation policy. Through a combination of field research and studio work, students design innovative, place-based solutions that balance planning practices and preservation principles.

**Prerequisite(s):** PRES 220 or HIPR 409; Liability waiver is required.

**Attributes:** Business-focused elective; Studio Elective Requirement

## **PRES 320 Studio V: Measuring Heritage — Construction Technology and Condition Assessment (5 Credits)**

Construction materials and assemblies define the form and function of a structure. Through hands-on examination of diverse construction methods, students identify, analyze and interpret the role of these materials within historic and contemporary building systems. Students hone their examination skills through the creation of condition assessments and present their findings in compelling written, photographic and illustrative formats.

**Prerequisite(s):** PRES 310 or HIPR 313.

**Attributes:** Studio Elective Requirement

## **PRES 330 Studio VI: Elements of Style and Elegance in the Classical Tradition (5 Credits)**

Designers leverage their understanding of the classical elements of the built environment to enhance the historical character and aesthetic experience of spaces. Students explore the elements and principles of the classical tradition that have shaped the built environment for millennia, exemplified in the elegant buildings of Savannah's historic district. Students visualize and describe classical features in a series of sketching, drawing and design exercises.

**Prerequisite(s):** PRES 320 or HIPR 307.

**Attributes:** Studio Elective Requirement

## **PRES 401 The Business of Community Revitalization (5 Credits)**

Preservation-based development strategies empower local economies to attract new investment, address constituent needs, enhance quality of life, manage aging infrastructure and adaptively reuse heritage resources. In this course, students explore the dynamic relationship between real estate development and public and private investment. With this interconnectivity as context, students ideate solutions to preserve a community's sense of place and invigorate economic growth.

**Prerequisite(s):** (BUSI 110 or BUSI 101) and (PRES 310 or HIPR 313).

**Attributes:** Business-focused elective

## **PRES 410 Studio VII: Luxury Design in the Built Environment (5 Credits)**

Enduring expressions of luxury are founded upon principles of authenticity, quality and beauty, as well as an underlying appreciation for heritage. Through an exploration of historical and contemporary luxury settings, students examine how to incorporate these principles into astute designs for adaptive use and new construction projects. Interactions with leading professionals provide inspiration during the design process as students develop unique luxury design proposals.

**Prerequisite(s):** PRES 330.

**Attributes:** Studio Elective Requirement

## **PRES 479 Undergraduate Internship (5 Credits)**

Students in this course undertake a field assignment under the supervision of a faculty member.

## **PRES 480 Studio VIII: Innovative Adaptation — Collaborative Practicum (5 Credits)**

Collaborating across building arts disciplines, students design an innovative use for the successful adaptation of a heritage resource. From research and market analysis to financial considerations and long-term feasibility projections, students engage in all aspects of adaptive use project planning and management.

**Prerequisite(s):** and PRES 410; Liability waiver is required.

**Attributes:** Studio Elective Requirement

**PRES 490 Studio IX: Innovative Adaptation – Capstone Project (5 Credits)**

Galvanized by thorough research and analysis, students cultivate and present innovative, self-directed projects. To commence their post-graduation careers, students create and curate portfolios that communicate a well-developed personal preservation philosophy informed by an understanding of the discipline's ethics and professional practices.

**Prerequisite(s):** PRES 480.

**Attributes:** Studio Elective Requirement

**PRES 501 Digital Foundations for Preservation Design (5 Credits)**

Contemporary preservation designers use digital technologies to craft rich visual representations of historic structures. In this course, students learn to fuse traditional hand drawing with digital technologies to record, document and communicate the characteristics and cultural significance of heritage resources in the built environment.

**PRES 502 Preservation Design Studio Applications (5 Credits)**

Students explore the essential principles of building design and additions to historic buildings in the context of restoration and adaptive use. Complying with federal standards for building rehabilitation and applying design theory and hierarchy, students solve design challenges and present programmatically effective and contextually appropriate solutions. Students examine design parameters, such as accessibility, codes, sustainability, structural systems and mechanical systems.

**Attributes:** Studio Elective Requirement

**PRES 701 Practicing Preservation in a Global Context (5 Credits)**

Within a global context, students explore historic preservation's collaborative and entrepreneurial foundations while immersing in the dynamic, interdisciplinary and emerging field of preservation design. Students honor and advance established practices as they critically assess strategies for examining global preservation as well as managing and elevating the legacy of our collective past.

**PRES 702 Style and Elegance in the Classical Tradition (5 Credits)**

Even in a rapidly changing world, much of the architectural fabric of our cities and towns remains the product of a classical tradition of building that has endured for millennia. Students examine this tradition to enhance their aesthetic discernment. The historic buildings of Savannah provide a living laboratory as students analyze and apply principles of classical architecture through sketching, drawing, discussion and design.

**Attributes:** Studio Elective Requirement

**PRES 706 Defining Place: Research and Survey (5 Credits)**

Students employ diverse research tools and methods to explore and unearth the significance of historic structures. Within this process, they meticulously assess archives and collections according to accepted research conventions. To protect significant heritage resources, students synthesize and strategically position their research within broader contexts through participation in historic resource surveys and National Register nominations.

**PRES 710 Studio I: Preservation Through Public Policy (5 Credits)**

By engaging stakeholders and leveraging conservation practices, students in this course formulate planning and design solutions to preserve and adapt heritage resources in urban, suburban, and rural communities. Students synthesize field and studio research, as well as knowledge of preservation policies, to inform advocacy strategies that harmonize responsible growth, preservation, and economic development.

**Prerequisite(s):** Liability waiver is required.

**Attributes:** Studio Elective Requirement

**PRES 720 Studio II: Construction Technology and Assessment (5 Credits)**

By examining construction technologies in the built environment, students engage with diverse materials and assemblies, ranging from historic to contemporary. Through onsite investigations, students apply this knowledge to effectively document, analyze and interpret the form, material and condition of features within buildings and structures. Students follow National Park Service guidelines as they professionally present their findings in written, photographic and illustrative formats.

**Prerequisite(s):** PRES 710.

**Attributes:** Studio Elective Requirement

**PRES 730 Studio III: Conserving the Built Environment (5 Credits)**

Through a scientific approach to investigation and analysis, students examine the composition, function and application of architectural materials to learn their properties, deterioration mechanisms and conservation methods. Students conduct research and laboratory testing on a diverse range of traditional and modern materials to cultivate interventions and corrective measures that align with philosophical, ethical and professional considerations.

**Prerequisite(s):** PRES 720 or HIPR 716.

**Attributes:** Studio Elective Requirement

**PRES 740 Studio IV: Place and Luxury in the Built Environment (5 Credits)**

Based on a conceptual exploration of luxury design and precedents in historical and contemporary settings, students develop projects that enhance aesthetic appeal and an underlying appreciation for heritage in the built environment. Students examine high-quality materials, custom features and finishes in a variety of preservation projects. Incorporating skills and knowledge from other building arts fields, students infuse an appreciation of art and beauty into designs for adaptive use and new construction.

**Prerequisite(s):** PRES 730 or HIPR 709.

**Attributes:** Studio Elective Requirement

**PRES 741 Entrepreneurship for Community Revitalization (5 Credits)**

Preservation designers offer communities proactive strategies to enhance historic and cultural resources in response to economic and social change. In this course, students examine place-based development to encourage sustainable, responsible growth while effectively preserving heritage. Through the exploration of entrepreneurial strategies for real estate investment, financing and development, students explore creative revitalization tools that build social and economic value for communities.

**Prerequisite(s):** PRES 710 or HIPR 703.

**PRES 745 Digital Innovations in Preservation Design (5 Credits)**

Using advanced digital technologies to investigate and record heritage resources, students pioneer the field of preservation design beyond traditional research methodologies and documentation practices. Project-based assignments provide students with real-world experiences that champion innovative applications at multiple scales to effectively interpret resources and engage with diverse stakeholders.

**Prerequisite(s):** (PRES 701 or HIPR 701) and (ELDS 704 or ELDS 720) and (PRES 706 or HIPR 706).

**PRES 749 Preservation Practicum — Adapting Existing Buildings (5 Credits)**

Creative adaptation of buildings and structures leverages heritage resources as economic drivers and vehicles for community strength and sustainability. In this course, students fuse knowledge of conservation, construction technology and real estate development to design innovative adaptive-reuse solutions that incorporate contemporary construction standards and codes. By analyzing market factors and project feasibility, students validate the long-term viability of their designs.

**Prerequisite(s):** (PRES 730 or HIPR 709) and (PRES 741 or HIPR 704) and minimum score of 5 in 'Graduate Prerequisite Test'.

**Attributes:** Studio Elective Requirement

**PRES 750 Collaborative Studio I: Managing Value in Adaptive Use Projects (5 Credits)**

Working in an interdisciplinary studio environment, students design innovative solutions for the adaptation of buildings and structures to satisfy stewardship goals and enhance economic performance. Students streamline design and construction management while navigating design parameters, such as managing value in adaptive use projects, minimizing adverse impact to a structure's integrity, identifying the most appropriate new uses and encouraging sustainable practices.

**Prerequisite(s):** PRES 740; Liability waiver is required.

**Attributes:** Studio Elective Requirement

**PRES 760 Collaborative Studio II: Marketing Identities for Adaptive Use Projects (5 Credits)**

Working in an interdisciplinary studio environment, students develop marketing and implementation strategies for new uses in rehabilitated buildings and structures by applying skills in real estate and entrepreneurship. Best practices in commercial and residential real estate development, branding and advertising inform the development of innovative strategies for long-term feasibility. Interaction with marketing and development professionals provides students with additional opportunities to refine skills and strategies.

**Prerequisite(s):** PRES 750.

**Attributes:** Studio Elective Requirement

**PRES 779F Graduate Field Internship (5 Credits)**

Students in this course undertake a field assignment under the supervision of a faculty member.

**PRES 779T Graduate Teaching Internship (5 Credits)**

Students in this course undertake a teaching assignment under the supervision of a faculty member.

**PRES 791 Preservation Design M.F.A. Thesis I: Vision and Innovation (5 Credits)**

Preservation design challenges convention by redefining the symbiotic connection between the historic and contemporary. Illuminating this objective, students propose innovative strategies for managing or adapting heritage resources within the context of preservation theory and criticism. Within a culture of constructive inquiry, faculty, peers and practicing professionals critique and guide students engaged in thesis research and development.

**Prerequisite(s):** PRES 740 and minimum score of 6 in 'Graduate Prerequisite Test'.

**PRES 792 Preservation Design M.F.A. Thesis II: Application and Engagement (5 Credits)**

Preservation designers revolutionize and advance preservation discourse through scholarly research and by challenging conventional strategies for managing or adapting heritage resources. Focused interactions with faculty, peers and practicing professionals elevate students' thesis defense and cultivate a compelling professional portfolio. Through this process, students synthesize and apply preservation philosophy and theory and thoughtfully define their path toward professional practice.

**Prerequisite(s):** (PRES 791 or HIPR 791) and minimum score of 6 in 'Graduate Prerequisite Test'.