

# SCHOOL OF BUILDING ARTS

- Architectural History (<https://catalog.scad.edu/school-building-arts/architectural-history/>)
  - Architectural History, BFA (<https://catalog.scad.edu/school-building-arts/architectural-history/architectural-history-bfa/>)
  - Architectural History, MFA (<https://catalog.scad.edu/school-building-arts/architectural-history/architectural-history-mfa/>)
- Architecture (<https://catalog.scad.edu/school-building-arts/architecture/>)
  - Architecture, BFA (<https://catalog.scad.edu/school-building-arts/architecture/architecture-bfa/>)
  - Architecture Professional M.Arch., MARCH (<https://catalog.scad.edu/school-building-arts/architecture/professional-march-march/>)
- Furniture Design (<https://catalog.scad.edu/school-building-arts/furniture-design/>)
  - Furniture Design, BFA (<https://catalog.scad.edu/school-building-arts/furniture-design/furniture-design-bfa/>)
  - Furniture Design, MA (<https://catalog.scad.edu/school-building-arts/furniture-design/furniture-design-ma/>)
  - Furniture Design, MFA (<https://catalog.scad.edu/school-building-arts/furniture-design/furniture-design-mfa/>)
- Interior Design (<https://catalog.scad.edu/school-building-arts/interior-design/>)
  - Interior Design, BFA (<https://catalog.scad.edu/school-building-arts/interior-design/interior-design-bfa/>)
  - Interior Design, MA (<https://catalog.scad.edu/school-building-arts/interior-design/interior-design-ma/>)
  - Interior Design, MFA (<https://catalog.scad.edu/school-building-arts/interior-design/interior-design-mfa/>)
- Preservation Design (<https://catalog.scad.edu/school-building-arts/preservation-design/>)
  - Preservation Design, BFA (<https://catalog.scad.edu/school-building-arts/preservation-design/preservation-design-bfa/>)
  - Preservation Design, MA (<https://catalog.scad.edu/school-building-arts/preservation-design/preservation-design-ma/>)
  - Preservation Design, MFA (<https://catalog.scad.edu/school-building-arts/preservation-design/preservation-design-mfa/>)

## Architectural History

### ARLH 202 Architectural History in Savannah (5 Credits)

The study of architectural history in Savannah informs how we understand and value the significance of the built world and our home environments. In this course, students study Savannah and the surrounding region which offer a case study for broader themes of urban renewal and historic preservation. Through observation, analysis, and readings, students identify local characteristics and broad historical frameworks that create built environments.

**Prerequisite(s):** (CTXT 121 or ARTH 100) and (CTXT 122 or ARTH 110) and (ENGL 123 or ENGL 193).

**Attributes:** American Architectural History; Humanities/Fine Arts

### ARLH 206 Modern Architecture Before 1900 (5 Credits)

Before 1900, rapidly changing cultural, social, and economic forces transformed the development of the built environment. Students examine how enlightenment philosophy, industrialization, urbanization, nationalism, social and political revolution, stylistic experimentation, and technological innovation influenced the evolution of architectural theory and practice.

**Prerequisite(s):** (CTXT 121 or ARTH 100) and (CTXT 122 or ARTH 110) and (ENGL 123 or ENGL 193).

**Attributes:** Humanities/Fine Arts; Modern

### ARLH 208 Modern Architecture After 1900 (5 Credits)

Competing concepts of modernity influenced the theory, practice, and production of architecture and urbanism from the late 19th century to the present day. Students examine the work of celebrated architects and avant-garde movements, while exploring the social, economic, and environmental factors that shaped architecture and architectural discourse.

**Prerequisite(s):** (CTXT 121 or ARTH 100) and (CTXT 122 or ARTH 110) and (ENGL 123 or ENGL 193).

**Attributes:** Humanities/Fine Arts; Modern

### ARLH 211 Survey of World Architecture and Urbanism (5 Credits)

The history of architecture and urbanism must consider how cultural, religious, and philosophical values and physical and social contexts greatly affect built form. Using a comparative approach, this course surveys the diverse architecture and urban habitations of China, Japan, Africa, India, the Muslim world, and the native cultures of the Americas from the origins of human settlements to the emergence of modern colonialism.

**Prerequisite(s):** (CTXT 122 or ARTH 110) and (ENGL 123 or ENGL 193).

**Attributes:** Humanities/Fine Arts; Non-Western Elective

### ARLH 236 Renaissance and Baroque Architecture (5 Credits)

Sir Christopher Wren once remarked that architecture aims at the eternal. Renaissance architects pursued this goal through the vehicle of an ancient and compelling language of architecture known as the classical. This course examines the development of that language in buildings, designs, city plans and architectural theories from 15th-century Florence to 18th-century England. Social, political and religious contexts of Renaissance and Baroque architecture are given special consideration.

**Prerequisite(s):** (CTXT 122 or ARTH 110) and (ENGL 123 or ENGL 193).

**Attributes:** Humanities/Fine Arts; Modern

### ARLH 301 Global History of Modern Architecture and Urbanism (5 Credits)

This course explores the evolution of modern architecture through the lens of global practices, from the late nineteenth century to today. Students will examine how socio-cultural, technological, and political forces shaped architectural movements, balancing global influences with local traditions. Topics include industrialization, colonialism, post-colonial development, and the impact of digital technologies. Through case studies and comparative analysis, students will engage with both iconic and regional works, developing a critical understanding of how architecture reflects and responds to diverse cultural and environmental contexts.

**Prerequisite(s):** CTXT 122 and ENGL 123.

**Attributes:** Humanities/Fine Arts

**ARLH 321 Ancient Architecture in Context (5 Credits)**

The ancient Greeks and Romans developed a range of building types to accommodate their religious, political, and social practices. In this course, students approach ancient Greek and Roman architecture by examining the intended use of these structures as related to architectural form, decoration, and location. Emphasis is placed on the value of primary sources and archaeological material in enriching the understanding of built form during these eras.

**Attributes:** Ancient/Medieval; Humanities/Fine Arts

**ARLH 323 Medieval Architecture in Context (5 Credits)**

The architecture of the medieval period resulted from diverse cultural forces within the Latin Christian West, the Byzantine Christian East, and the Islamic Mediterranean. In this course, students explore themes such as the role of classical inspiration, cross-cultural influence and regionalism, function and audience, integral architectural decoration, and construction methods and structure.

**Attributes:** Ancient/Medieval; Humanities/Fine Arts

**ARLH 325 Islamic Art and Architecture (5 Credits)**

The art and architecture of the medieval Islamic world reflects a thousand years of evolution. In this course, students explore a range of cultures and architecture regionally and chronologically from the large empires of the Umayyads and Abbasids to the smaller successor states in Islamic Spain, sub-Saharan Africa, and Mughal India. Students examine differences and continuities across diverse built environments, with attention to the origins and nature of Islamic religion and the development of a unique Arab-Muslim civilization.

**Attributes:** Humanities/Fine Arts; Non-Western Elective

**ARLH 327 Asian Architecture and Urbanisms (5 Credits)**

Journey through the architectural heritage and urban development across Asia, exploring how religion, politics, and cultural values have shaped diverse built environments throughout history. In this course, students analyze distinctive architectural styles, urban planning approaches, and living patterns while developing research skills to interpret these spaces.

**Attributes:** Humanities/Fine Arts; Non-Western Elective

**ARLH 339 History of Urban Form (5 Credits)**

What is a city? This basic yet baffling question necessarily underlies all attempts to build cities. Students in this course survey the history of urban form as it relates to changing ideas about the nature and purpose of the city from its earliest manifestations in ancient Mesopotamia to the globalized cities of today.

**Attributes:** Humanities/Fine Arts

**ARLH 344 African Art and Architecture (5 Credits)**

In its totality, the continent of Africa encompasses a diverse, yet interconnected geographical, cultural, and historical context which is expressed through its indigenous arts, architectural traditions, and cities. A global and critical perspective leads students to consider how this continuity begins in the ancient world with the development of the civilizations of Egypt, Kush, and Aksum, continuing throughout the medieval period with the rise of kingdoms and trading empires in both East and West Africa, and enduring into colonial times.

**Attributes:** Humanities/Fine Arts; Non-Western Elective

**ARLH 353 The Architecture of Provence (5 Credits)**

Taught at SCAD Lacoste, this course explores the many ways in which different cultures have approached built form over the centuries in this region of France. Through research and on-site analysis at various locations, students cultivate a comprehensive understanding of the history, style, building materials and construction methods associated with the built environment of Provence.

**Attributes:** Ancient/Medieval; Humanities/Fine Arts

**ARLH 355 Gothic Art and Architecture (5 Credits)**

Tied to the rise of cities in Western Europe, the art and architecture of the late Middle Ages ushered in new directions for the arts. In this course, students focus on the development of Gothic architecture, sculpture, and stained glass from the early 12th to the late 14th centuries as well as manuscript illumination, metal work, and ivory carving. Students explore selected readings from original sources with an emphasis placed on social context.

**Attributes:** Ancient/Medieval; Humanities/Fine Arts

**ARLH 358 Villa and Garden (5 Credits)**

The Hanging Gardens of Babylon, the Alhambra, Versailles, Monticello, and Fallingwater are all products of a restless longing for a peaceful and contemplative life in the country where art and nature coexist in ideal harmony. In this course, students explore the architectural and social history of country houses, villas, and gardens from antiquity to the 21st century. Students focus on garden literature, landscape theory, the rise of public parks, and the development of suburbia.

**Attributes:** Humanities/Fine Arts

**ARLH 363 World Vernacular Architecture (5 Credits)**

Building traditions from around the world reveal the connection between architectural forms and the societies that created them. In this course, students explore vernacular architectural traditions from a global perspective through the broad ranging, yet selective, study of specific cultures and regions. Students focus on domestic architecture and settlement forms while also addressing non-residential vernacular structures as well.

**Attributes:** Humanities/Fine Arts; Non-Western Elective

**ARLH 376 Historical Virtual Environments (5 Credits)**

Virtual environments have been used to transport, educate, and entertain for millennia. Students explore a variety of historical precedents, philosophical discourses, and scientific studies on virtual environments to understand the contextual significance and rich potential they offer designers today. Students utilize digital tools, such as online databases and image resources, to demonstrate advanced research techniques in the field of architectural history.

**Attributes:** Humanities/Fine Arts; Modern

**ARLH 400 Architectural History Research Methods (5 Credits)****ARLH 402 Theory and Criticism of Architecture (5 Credits)**

Architecture does not exist apart from theory; that is, the act of building is necessarily preceded by thinking about building. Architectural criticism, likewise, depends on theoretical discourse. In this course, students focus on the theory and criticism of architecture from antiquity to the present.

**Attributes:** Humanities/Fine Arts; Modern

**ARLH 413 Diversity in the History of Architectural Practice: Beyond the Canon (5 Credits)**

Whether it is the Hearst Castle, the Theme Building at Los Angeles International Airport, or the Vietnam Veterans Memorial, the contributions of architects from marginalized groups have largely been overlooked in the canon of architectural history. In this seminar, students examine and discuss the achievements of women and minority architects within their social and historical contexts.

**Attributes:** Modern

**ARLH 450 Architectural History Research Methods (5 Credits)**

This course introduces students to a wide range of research resources and the issues they raise. Attention is given to differing versions of each type of historical documentation and how that type has evolved over time. Textual accounts, maps, architectural drawings, field study, photographs, legal documents are among the forms of documentation examined. As much as possible, attention is given to actual documents through discussions and field workshops in libraries and archives.

**ARLH 455 History of Gender and the Built Environment (5 Credits)**

Built environments help construct, maintain and even destroy many aspects of human identity, including gender. This seminar course examines how issues of gender have shaped built environments in the West from early historical times to the present. It focuses primarily on the manner in which architecture and space have contributed to social, cultural and political relations predicated on gender. This course challenges students to strengthen their research, critical thinking and leadership skills.

**Attributes:** Humanities/Fine Arts

**ARLH 457 Cities of the Muslim World (5 Credits)**

Cities of the Muslim world are an urban phenomenon whose development, planning principles, morphology and institutions reflect fundamental principles related to Islamic religious beliefs and practices. This seminar explores the influence of local cultural developments on Islamic urban forms throughout the medieval Muslim world, from Spain to India and sub-Saharan Africa. Any 200-level ARLH course or 300-level ARTH course or ARLH 301.

**Attributes:** Humanities/Fine Arts; Non-Western Elective

**ARLH 459 How Power Shapes the Built Environment (5 Credits)**

Throughout history, social, political and economic power relations have shaped the built environment. This seminar explores how power impacts the human experience of architecture and urbanism within a range of scales, building types, and social and cultural contexts. Extensive readings, class discussions and presentations challenge students to develop critical thinking and communication skills.

**Attributes:** Humanities/Fine Arts

**ARLH 461 American Cultural Landscape (5 Credits)**

Cultural traditions in geographic regions across the continent gave form to the diverse American landscapes of everyday homes, businesses, places of recreation, and transportation that shape our daily lives. In this course, students consider these "ordinary" places, the methods used in recognizing and defining them, and how such landscapes represent the culture of ordinary people in all their diversity of ethnicity, age, gender, and economic standing.

**Attributes:** American Architectural History; Humanities/Fine Arts

**ARLH 467 Native American Architectural Landscapes Across the Americas (5 Credits)**

Native American architectural traditions across the Americas reveal sophisticated responses to landscape, climate, and cultural needs. In this course, students analyze settlement patterns, building techniques, and ritual spaces while developing critical research skills. Through comparative study of different regions and periods, students gain a deeper understanding of Native American architectural traditions and their enduring significance.

**Attributes:** American Architectural History; Humanities/Fine Arts

**ARLH 469 The City in Film and Media (5 Credits)**

The explosive growth and transformation of the modern city has inspired its frequent representation in photography, cinema, television, and other media, influencing how we view and understand modern urban life. In this seminar, students examine and discuss the different facets of the city over time, including industrialization and development, suburbanization, race, poverty, and even dreams of future cities as they are seen through a variety of modern media.

**Attributes:** Humanities/Fine Arts; Modern

**ARLH 470 Documenting the Built Environment (5 Credits)**

Students participate in on-location study of the built environment, investigating historical processes in their physical context. Through a synthesis of analysis, research and field study, students examine urban form, landscapes and building culture from historical, theoretical, aesthetic and practical points of view.

**Attributes:** Studio Elective Requirement

**ARLH 474 All the World's a Stage: Architecture, Urbanism and Theatre (5 Credits)**

Shakespeare's famous observation about the world being a stage rings true for all who study the history of architecture and urbanism. Buildings, streets and squares are sets for the history of the theater, not just plays, but civic and religious ceremonies, festivals and political demonstrations. This course examines the history of theatricality by exploring the city as a stage and the stage as a city.

**Attributes:** Humanities/Fine Arts

**ARLH 479 Undergraduate Internship (5 Credits)**

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

**ARLH 499 Architectural History B.F.A. Thesis (5 Credits)**

Architectural history seniors are required to complete a thesis document that demonstrates extensive research, historical awareness, clear organization and effective writing skills. Under the guidance of a faculty member and involving peer critique, students hone their ability to complete an advanced research paper.

**ARLH 501 History of Modern Architecture (5 Credits)**

This course traces the evolution of modern architectural design from the mid-18th century to the present, addressing major works of architecture, urban design, landscape design and architectural theory. Attention is given to the emergence of new building typologies, the phases of historicism, the impact of new technology and materials, and the changing concepts of modernity.

**Attributes:** Modern

**ARLH 700 Research Methods in Architectural History (5 Credits)**

Involving detective work, problem solving, and critical analysis, research relies on multiple resources and evaluating the issues they raise. This seminar focuses on diverse types of primary and secondary sources that inform our understanding of built environments. Attention is given to how historical documentation evolved over time and the historical contexts that defined their creation.

**Attributes:** Seminar Requirement

**ARLH 702 History of Architectural Theory and Criticism (5 Credits)**

Since the ancient world, architects and theorists have attempted to conceptualize the essence of architecture. In this course, students focus on significant theoretical texts in the history of architecture from antiquity to the present. Students assess the critical tradition while analyzing and conceptualizing architectural principles.

**Attributes:** Seminar Requirement

**ARLH 705 Architectural History Methodology and Historiography (5 Credits)**

Students in this course are introduced to methods of research and analysis and to key texts that have shaped the discipline of architectural history over time. Specific topics addressed include the nature of history, the nature of architectural history, style, formal analysis, iconography and symbolism, and a variety of approaches embracing technological, political, economic and social aspects of the built environment.

**Attributes:** Seminar Requirement

**ARLH 713 Diversity in the History and Theory of Architectural Practice: Beyond the Canon (5 Credits)**

Within histories of modern architecture, the designs of women and minority architects have largely been overlooked, yet their contributions are impressive. Students in this course investigate the achievements of notable architects within social, historical, and theoretical contexts in order to understand the gendered or racial biases that have framed architectural production. Students demonstrate an advanced understanding of diversity in architecture through scholarly presentations and professional course projects.

**Attributes:** Modern; Seminar Requirement

**ARLH 723 Contextualizing Medieval Architecture (5 Credits)**

Medieval architecture was shaped by diverse cultural forces in the Latin Christian West, the Byzantine Christian East and the Islamic Mediterranean. Emphasizing a contextual approach, themes addressed include the role of classical inspiration, cross-cultural influence and regionalism, function and audience, integral architectural decoration and construction methods and structure.

**Attributes:** Ancient/Medieval

**ARLH 724 Contextualizing Ancient Architecture (5 Credits)**

The ancient cultures of the Mediterranean basin developed a range of building types and urban plans to frame different aspects of public and private life. This course explores how the cultures of the ancient Near East, Egypt, Greece and Rome used built form to serve religious, social and political ideologies. Significant focus is placed on identifying, understanding and analyzing the various components of context.

**Attributes:** Ancient/Medieval

**ARLH 726 Art and Architecture of the Gothic Period (5 Credits)**

Students delve into analysis of the Gothic period, from the early 12th century to the later 13th century. The course focuses on the development of Gothic architecture, sculpture and stained glass and also encompasses manuscript illumination, metal work and ivory carving. The social context of the monuments is explored through selected readings from original sources.

**Attributes:** Ancient/Medieval

**ARLH 731 Economies and Building Culture (5 Credits)**

Without financial support, built environments could not exist. This seminar analyzes the often-hidden economic conditions that shape the creation of architecture and the ever-changing needs of the building cultures of the built environment. Students critique issues relating to the global economy and their impact on architecture and the urban conditions of the modern world.

**Attributes:** Modern; Seminar Requirement

**ARLH 739 Urban Form and Civic Ideals through History (5 Credits)**

From the oldest cities of ancient Mesopotamia to contemporary urban landscapes, the history of urban form reflects remarkable continuities and dramatic innovations. Students explore how architecture, public space, city planning, and public works are considered in relation to the social, political, economic, and religious contexts of urban form. Students use advanced research methods to build critical awareness of the historic and cultural impacts on urban design.

**ARLH 743 Analyzing Architecture and Art of the Islamic World (5 Credits)**

This course examines the evolution of art and architecture in the medieval Islamic world using a chronological and regional approach, ranging from the large unified empires of the Umayyads and Abbasids to the smaller successor states in Islamic Spain, sub-Saharan Africa and Mughal India. The course investigates the origins and nature of Islamic religion and culture and introduces students to the development of a unique Arab-Muslim civilization.

**Attributes:** Non-Western Elective

**ARLH 744 Traditional Arts and Architecture of the African Continent (5 Credits)**

This course explores the indigenous art, architecture and cities of Africa, following a chronological and regional approach, which introduces the geography, cultures and history of the African continent as a whole. The goal is to consider Africa not as a region of cultural unity, but rather as an interconnected territory with a long and varied history that has given birth to a variety of creative expressions and artistic achievements. These expressions and achievements begin in the ancient world with the development of urban civilizations in Egypt, Nubia, Kush and Aksum; continue into medieval times with the rise of kingdoms and trading empires in both East and West Africa; and continue into colonial times.

**Attributes:** Non-Western Elective

**ARLH 753 Architecture and the History of Provence (5 Credits)**

The region of Provence possesses the physical remains of thousands of years of human habitation. Taught at SCAD Lacoste, this course explores the many ways in which different cultures have approached built form over the centuries. Students study the processes of history and use on-site analysis at various locations in order to cultivate a comprehensive understanding of the evolving sequence of styles, building materials and construction methods associated with the built environment of Provence.

**ARLH 757 The Islamic City (5 Credits)**

The Islamic city is a unique urban phenomenon within the medieval world, with a distinctive development, morphology, and institutions. This seminar explores the connection between the religion of Islam and the creation of fundamental urban planning principles found throughout the Islamic world. Attention is given to the relationship of regionalism and local cultural influences on the development of specific building types and forms, from Islamic Spain to India to sub-Saharan Africa.

**Attributes:** Non-Western Elective; Seminar Requirement

**ARLH 758 History and Theory of Villas and Gardens (5 Credits)**

The age-old impulse to build a villa—a home away from home set in a garden—is a fundamentally paradoxical one. In this course, students seek to discover why we seek such places, what ideals these garden villas represent, and how designers, architects, and landscape architects have addressed these constructed experiences for centuries. Students consider historic villas, gardens, and literary texts as ideas and spaces in their contexts.



**ARLH 759 Power and the Built Environment (5 Credits)**

Social, political, and economic power relations have shaped the built environment and the experience of it throughout history. This seminar explores the many ways that power operates within a range of scales, building types, and social contexts including urban design, public institutions, commemorative monuments, and corporate buildings.

**Attributes:** Seminar Requirement

**ARLH 761 Analyzing American Cultural Landscapes (5 Credits)**

The American landscapes of everyday homes, businesses, places of recreation, and transportation represent deep cultural and regional traditions that shape our daily lives. In this course, students analyze these seemingly ordinary places, question the methods used in recognizing and defining them, and interpret how such landscapes shape the culture of ordinary people in all their diversity of ethnicity, age, gender, and economic standing.

**Attributes:** American Architectural History; Seminar Requirement

**ARLH 763 Traditions in Global Vernacular Architecture (5 Credits)**

Students explore vernacular architectural traditions from a global perspective as a broad-ranging, yet selective study of specific cultures and regions. The primary focus of the course is on domestic architecture and settlement forms, and also includes some vernacular religious and ceremonial structures. Through this course, students acquire an appreciation of the range of building traditions found around the world, and explore the connection between vernacular architectural forms and the societies that created them.

**Attributes:** Non-Western Elective

**ARLH 767 Analyzing Native American Architectural Landscapes Across the Americas (5 Credits)**

Native American architectural traditions across the Americas reveal sophisticated responses to landscape, climate, and cultural needs. In this course, students examine how agricultural practices, cosmological beliefs, and ritual traditions shaped diverse built environments throughout history. Through advanced research methodologies, students analyze architectural and urban patterns while developing critical perspectives on indigenous spatial practices and cultural landscapes.

**Attributes:** American Architectural History

**ARLH 769 Analyzing the City in Film and Media (5 Credits)**

The parallel development of the modern city and contemporary media technologies has inspired representations of the city in photography, cinema, television, and associated media, profoundly impacting our understanding of the ever-changing nature of urban form and urban life. In this course, students focus on the cultural forces that shaped the relationship between cities and media. Students also analyze the psychological and sociological effects that media has on our perceptions and understanding of the city.

**Attributes:** Modern; Seminar Requirement

**ARLH 770 Documenting and Interpreting the Built Environment (5 Credits)**

Students participate in on-location study of the built environment, investigating historical processes in their physical context. Through a synthesis of analysis, critique, research and field study, students explore urban form, landscapes and building culture from historical, theoretical, aesthetic and practical points of view.

**Attributes:** Studio Elective Requirement

**ARLH 772 Analyzing American Architecture (5 Credits)**

Shaped by immigration, inherited traditions, and homegrown innovations, the built environment of America is a diverse cultural landscape. In this course, students analyze how settlement patterns, domesticity, industrialization, urbanization, and modernization affected the development and evolution of uniquely American architectural and urban forms, from the pre-Colonial era to the present.

**Attributes:** American Architectural History

**ARLH 774 Theaters and Theatricality in Architectural and Urban History (5 Credits)**

The city has been and continues to be a literal and metaphorical stage for theatrical performance in its many guises: festivals; processions; ritualized acts of justice, inauguration and triumph; games; impromptu street performance; and political demonstrations. This course examines forms of theatricality in the life and design of cities as well as the architecture of purpose-built theaters from antiquity to the present day.

**Attributes:** Modern

**ARLH 775 Savannah: Architecture and Urban History (5 Credits)**

Savannah's urban plan and its rich architectural fabric offer an incomparable laboratory for the study of architectural and urban history. This course explores and analyzes Savannah's urban plan, buildings and landscape features in the context of the social, political, religious and environmental factors that shaped them. Certain aspects of Savannah's history will be chosen for close investigation each quarter.

**Attributes:** American Architectural History

**ARLH 776 History and Theory of Virtual Spaces (5 Credits)**

Since Ancient Egypt, virtual spaces have been used to transport, educate and entertain. Philosophical discourses and scientific studies of virtual environments provide the framework for analyzing a broad range of historical precedents. Emphasis is placed on understanding the contextual significance of virtual spaces and evaluating the rich potential they offer designers today.

**Attributes:** Modern

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

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

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

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

**ARLH 790 Architectural History M.F.A. Thesis (5 Credits)**

Architectural history graduate students are required to complete a thesis and produce an in-depth research paper under the guidance of a faculty member. Peer critique, strong methodological skills, original ideas, clear organization and thorough research are emphasized with attention on developing the thesis for professional presentation and publication.

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

## Architecture

**ARCH 201 Principles of Architecture (5 Credits)**

Architecture shapes how we experience and interact with the built environment. In this course, students explore essential concepts of spatial organization, proportion, and hierarchy through analysis of architectural precedent. By examining key architectural elements and their relationships, students develop critical design thinking skills and a vocabulary for creating intentional, meaningful spaces. **Prerequisite(s):** None.

**Attributes:** Studio Elective Requirement

**ARCH 250 Introduction to Building Systems (5 Credits)**

Buildings are complex organisms where mechanical, electrical, plumbing, and structural systems work in concert to create functional spaces. This course provides essential knowledge in building systems, equipping students to make informed decisions that enhance both the user experience and the building's overall architectural design.

**Prerequisite(s):** DSGN 100 or FOUN 110.

**Attributes:** Studio Elective Requirement

**ARCH 310 Human Experience in the Built Environment (5 Credits)**

Design can shape meaningful human experiences within the built environment. This studio focuses on human-centered design principles, exploring how physical, cognitive, and emotional needs inform architectural decisions. Through projects, observation, and diverse exercises, students learn to create functional, inclusive environments that prioritize universal design, accessibility, and spatial adaptability.

**Prerequisite(s):** FOUN 113; FOUN 240 and FOUN 245 and (ARCH 101 or ARCH 201).

**Attributes:** Studio Elective Requirement

**ARCH 319 Structures: General Structure (5 Credits)**

Basic principles of strength of materials, applied mechanics and structural theory are used for design and analysis of simple frames and simple beams for wood and steel building structures.

**Prerequisite(s):** MATH 201 and PHYS 201.

**ARCH 320 Placemaking in the Built Environment (5 Credits)**

What is placemaking? This course explores the relationship between architecture and its context, emphasizing the creation of spaces that foster identity and connection. Through site analysis, cultural research, and environmental studies, students create context-sensitive solutions that reflect the character of their environment.

**Prerequisite(s):** ARCH 301; ARCH 300 or ARCH 310.

**Attributes:** Studio Elective Requirement

**ARCH 330 Narratives in the Built Environment (5 Credits)**

Architecture comes to life at the intersection of storytelling and spatial experience. Students develop architectural proposals that evoke emotion, memory, and imagination through narrative-driven design. Projects emphasize how form, materiality, and spatial sequencing contribute to intentionally designed environments.

**Prerequisite(s):** ARCH 302 or ARCH 320.

**Attributes:** Studio Elective Requirement

**ARCH 350 Advanced Building Systems (5 Credits)**

Advanced Building Systems expands upon the essential knowledge established in Introduction to Building Systems. Through lectures and exercises, students will develop an applied understanding of high-performance systems, advanced lighting and electrical strategies, water conservation techniques, acoustics, and smart building technologies.

**Prerequisite(s):** ARCH 241 or ARCH 250.

**Attributes:** Studio Elective Requirement

**ARCH 410 Collaboration in Architectural Design (5 Credits)**

Collaboration is at the heart of architectural design. This course emphasizes the collaborative nature of architectural practice, modeled after real-world interdisciplinary teamwork. Students engage in design processes focused on functionality, sustainability, and community engagement within the built environment.

**Prerequisite(s):** ARCH 303 or ARCH 330.

**Attributes:** Studio Elective Requirement

**ARCH 414 Parametric and Generative Design Strategies for the Building Arts (5 Credits)**

In this course, students explore parametric and generative modeling through associative geometry using advanced applications in building design. The course focuses on simulating behavioral and formal responses to design constraints and limits and rules as a framework for understanding their implications as applied to building form. These responses range from conceptual form-finding strategies to structure and envelope systems.

**Prerequisite(s):** ELDS 225.

**ARCH 420 Innovations in Architectural Design (5 Credits)**

Immersing students in the cutting-edge of architectural innovation, this studio is where technology, creativity, and experimentation converge to shape the future of design. Students tackle global challenges as they envision sustainable, inclusive, and future-forward architectural solutions.

**Prerequisite(s):** ARCH 404 or ARCH 410.

**Attributes:** Studio Elective Requirement

**ARCH 421 Advanced Architectural Presentation (5 Credits)**

In this studio course, students explore traditional and contemporary methods of advanced graphic presentations as a means of communication in architectural design.

**Prerequisite(s):** ARCH 101 or ARCH 201 and (SBLD 115; DRAW 115 or FOUN 240).

**Attributes:** Studio Elective Requirement

**ARCH 430 Tectonics in Architectural Design (5 Credits)**

In this culminating studio, architecture students synthesize designs into fully developed architectural proposals. Students focus on tectonic articulation, performance, and constructability, developing comprehensive design solutions that align spatial composition, technical performance, and user-centered connections. This course integrates human experience, placemaking, narrative, collaboration, and innovation into a holistic approach.

**Prerequisite(s):** ARCH 405 or ARCH 420.

**Attributes:** Studio Elective Requirement

**ARCH 435 Site Plan Development (5 Credits)**

This course teaches site development techniques from the conception of a project through to the final site plan. The course begins with site selection and building location and then progresses through sediment and erosion control measures, building access, parking, ADA requirements, storm water runoff and landscaping.

**Prerequisite(s):** ARCH 319 and (ARCH 341 or ARCH 350).

**ARCH 438 Urban Issues Seminar (5 Credits)**

The seminar investigates the city as a specific power to affect people, materials and the relationships between the two. Use, form and social values of the city are analyzed to decipher relationships between morphology and the logic of change. Because classical urban studies involve accurate transpositions of the city by means of either physical or socio-economic descriptions, both physical and socio-economic factors are integrated into the course.

**Prerequisite(s):** ARCH 101 or ARCH 201.

**Attributes:** Studio Elective Requirement

**ARCH 465 Sustainable Design for the Built Environment (5 Credits)**

Students receive an overview of critical developments in sustainable building design strategies by examining environmental problems and possible solutions through design. Readings, lectures, guest speaker presentations and class discussions introduce students to the needs and possibilities of being effective green builders and architects.

**Prerequisite(s):** INDS 220; PRES 320; HIPR 307; ARCH 461 or ARCH 350.

**ARCH 479 Undergraduate Internship (5 Credits)**

Internships offer students valuable opportunities to work in a professional environment and gain firsthand experience to help them prepare for careers. In an approved internship setting, a student typically spends one quarter working with an on-site professional supervisor and a faculty internship supervisor to achieve specific goals and objectives related to the program of study.

**ARCH 490 Portfolio Preparation and Presentation (5 Credits)**

This course focuses on the development and production of professional materials, from the initial contact piece to an effective portfolio. The letterhead and mailing package, business card and résumé are discussed, as are ways to make the portfolio economically feasible and reproducible for mailing and tips on personally presenting the portfolio. A series of exercises explores the available media and design possibilities of packaging, graphic documentation of a student's project and similar topics.

**Prerequisite(s):** ARCH 303 or ARCH 310.

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

**ARCH 501 Applied Physics for Architecture (5 Credits)**

Through a study of underlying principles and the relationship of various forces, students in this course investigate the fundamental mathematical and physics problem-solving methods required for the field of architecture. Students analyze structural mechanics, cross-sectional properties, light, sound, hydrostatics, fluid flow, thermodynamics and electricity to learn to calculate a balance between systems of equilibrium, inertia, humidity and human comfort.

**ARCH 521 Advanced Construction Methods: Building Systems and Technologies (5 Credits)**

The study of construction methods continues to evolve as new building codes, industry standards and programmatic requirements influence the selection of both structural and nonstructural elements in building construction systems. In this course, students investigate emerging technologies, materials, assemblies and construction detailing to better understand the relationship between drawings, specifications and the real-world construction environment.

**Attributes:** Studio Elective Requirement

**ARCH 531 Graduate Architecture Design Fundamentals: Human-centered Design (5 Credits)**

This course is designed to develop students' abilities to create meaningful architectural design solutions. The course concentrates on the ways in which basic human factors affect and inform architectural design. Through lectures and design projects, students consider behavioral aspects that affect design and the interrelationship of form, space and human experience.

**Attributes:** Studio Elective Requirement

**ARCH 577 DesignBuild (5 Credits)**

DesignBuild is an interdisciplinary collaboration experience in which students use design ideation, fabrication techniques, and construction practices to develop architectural projects. DesignBuild emphasizes experiential learning and critical problem-solving, enhancing technical skills and design thinking to prepare students for professional practice in architecture.

**Attributes:** Studio Elective Requirement

**ARCH 706 Architectural Practices (5 Credits)**

This course presents a study of professionalism and ethics as they relate to design professionals. Students conduct detailed analysis of professional practices, including office and corporate structure, administration, public and client relations, consultant and contractor relations, project administration and procedures, and compensation.

**ARCH 714 Advanced Parametric Design and Generative Modeling Strategies for the Building Arts (5 Credits)**

Students in this course explore advanced parametric design and generative modeling through associative geometry using advanced applications for building design. The course focuses on simulating behavioral and formal responses to design constraints, limits and rules as a framework for understanding their implications as applied to structural and envelope systems.

**ARCH 717 Graduate Architecture Studio I: Urban Design and Development (5 Credits)**

This studio course investigates sustainable strategies for the neighborhood, city and mega-city. Students consider historical patterns of urban settlement and form-making, contemporary forces impacting cities worldwide, and the legal and financial framework of urban development retrofitting the city for ecological solutions. This study includes development of strategies ranging from publicly funded infrastructure, including application of landscape, through privately funded development of public space. Student teams analyze and diagram both physical and social contexts to develop typologies and plan concepts portrayed through master plan and perspective scenarios.

**Attributes:** Studio Elective Requirement

**ARCH 719 Structures: Lateral Forces (5 Credits)**

In this course, students are expected to solve complex structural problems and make informed selections from structural system alternatives. Structural problems involve steel and reinforced concrete systems in large, complex and/or multistory buildings. Special emphasis is given to designing structures to withstand lateral forces.

**ARCH 721 Landscape Design for Urban Design (5 Credits)**

Students are introduced to the study of exterior spaces as they relate to and complement building design. Through lectures, studio problems and field trips, the course explores the historical background of landscape design, theory, site analysis, environmental issues and plant materials.

**ARCH 727 Graduate Architecture Studio II: Comprehensive Design and Programming (5 Credits)**

This studio course emphasizes holistic and integral architectural design to engage students in a systems thinking approach that meets the needs of both the user and the contexts in which designs are situated. Synthesizing program research and site analysis, students arrive at a theoretical design construct that responds to user and regulatory requirements, site conditions, and universal design. Students also consider the measurable environmental impacts of their design decisions as they create schematic designs.

**Prerequisite(s):** ARCH 717 or ARCH 707.

**Attributes:** Studio Elective Requirement

**ARCH 735 Site Plan Design and Development (5 Credits)**

This course teaches advanced site development techniques and design from the conception of a project through to the final comprehensive site plan. The course begins with site selection and building location and then progresses through the design and calculations needed for sediment and erosion control measures, building access, parking, ADA requirements, storm water runoff, and landscaping.

**ARCH 736 Complex Structural Applications (5 Credits)**

This course leads students into an in-depth study of a variety of structural systems and gives them tools to help them select appropriate systems for their designs. Students learn how to approximate structural member sizes and gain a broad understanding of material behavior to prepare them to make structural design decisions.

**ARCH 737 Graduate Architecture Studio III: Comprehensive Detailing and Systems (5 Credits)**

In this studio, students enact the imagination and innovation required to bring technical resolution to architectural design constructs developed in ARCH 727 Graduate Architecture Studio II: Comprehensive Design and Programming. Through their design decisions, students demonstrate the integration of building envelope systems and assemblies, structural systems, environmental control systems, life safety systems, and the measurable outcomes of building performance.

**Prerequisite(s):** ARCH 727.

**Attributes:** Studio Elective Requirement

**ARCH 745 Graduate Seminar in Architecture (5 Credits)**

This seminar course serves as a workshop for focused thesis topic formulation and development through an investigation documented in an in-depth formal research paper. This research paper is incorporated into the thesis text.

**ARCH 747 Graduate Architecture Studio IV: Interdisciplinary Focus (5 Credits)**

This studio course centers on a variety of topics within or related to the School of Building Arts. The focus studio builds upon selected student electives in architectural history, digital design, design management, historic preservation, interior design, sustainability, architectural history or urban design. Possible focus areas for the studio may include architecture and topics from students' selected area of elective coursework.

**Prerequisite(s):** (ARCH 706 or ARCH 771) and (ARCH 719 or ARCH 753) and ELDS 727.

**Attributes:** Studio Elective Requirement

**ARCH 760 Sustainable Design (5 Credits)**

This course provides an overview of critical developments in sustainable building design strategies by examining environmental problems and possible solutions through design. Readings, lectures, guest speaker presentations and class discussion introduce students to the needs and possibilities of being effective green builders and architects.

**ARCH 765 Emerging Urban Issues (5 Credits)**

This seminar examines pressing contemporary technological, cultural, theoretical and economically driven issues relevant to urban design and development. Emerging issues for the 21st century include the sociological impact and infrastructure needs attendant to vast ethnic migrations, the rapid growth and sprawl of mega cities, and the creation of new cities.

**ARCH 769 Hybrid Media Presentation in Architecture (5 Credits)**

This course explores advanced architecture design expression and presentation. It examines the traditional methods of architectural graphics and visual communication and the digital methods of computer aided architectural design. This course includes traditional design presentation techniques and advanced digital presentation with different media.

**Attributes:** Studio Elective Requirement

**ARCH 770 Graduate Architecture Portfolio (5 Credits)**

This course focuses on the development and production of an economically feasible and reproducible portfolio and supports graduate digital portfolio construction.

**Attributes:** Studio Elective Requirement

**ARCH 775 Global Architectural Practice (5 Credits)**

Gaining an understanding of various cultures' political, economic and professional aspirations and constraints is vital to succeeding as an architect, interior designer or historic preservationist in today's professional climate. This course prepares students to work in a global practice through the development of international marketplace and business skills, and a refinement of cultural knowledge and sensitivity.

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

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

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

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

**ARCH 798 Graduate Architecture Studio: Thesis I - Developing Concept, Context and Program (5 Credits)**

This studio course is the first part of the two-quarter long architectural design thesis. Students select a topic and prototype, which has been approved by the thesis committee prior to the beginning of this course. The content, scheduling and college requirements for the architecture thesis are delineated in the thesis guidelines. This course is dedicated to development of the concept, context, site, program and schematic design of the architectural design thesis. Students entering this course must have completed a research paper in support of the thesis premise and context.

**Prerequisite(s):** (ARCH 745 or ARCH 712) and ARCH 747 and minimum score of 6 in 'Graduate Prerequisite Test'.

**ARCH 799 Graduate Architecture Studio: Thesis II - Design Detailing and Final Exposition (5 Credits)**

This studio course is the second of a two-quarter long architectural design thesis. The content, scheduling and college requirements for the architecture thesis are delineated in the thesis guidelines. Prior to the beginning of this studio, students must have developed an architectural project to the schematic design level. This studio is directed to refinement, detailed design development, presentation and exhibition of the architectural thesis design.

**Prerequisite(s):** ARCH 798 or ARCH 708.

## Furniture Design

**FURN 200 Furniture Materials and Techniques I: Tools, Fabrication, and Joinery (5 Credits)**

This course focuses on the integration of design and fabrication skills necessary to complete an original project. The course covers the properties and working characteristics of hand tool use, joinery techniques and safe machine operations in the use of materials appropriate to furniture design.

**Prerequisite(s):** DSGN 102; SBLD 223; DRAW 230 or FOUN 245.

**Attributes:** Studio Elective Requirement

**FURN 201 Design Studio: Introduction to Furniture (5 Credits)**

This course introduces students to the field of furniture design. Lectures, class discussions and exercises provide the foundation to engage the furniture design process and the communication and presentation of ideas through diverse projects.

**Prerequisite(s):** FURN 200.

**Attributes:** Studio Elective Requirement



**FURN 232 Visual Communication for Furniture Design (5 Credits)**

In this course, students are expected to develop the drawing skills and 2D presentation techniques used to convey design ideas required in the furniture design profession.

**Prerequisite(s):** DRAW 115 or DRAW 230.

**Attributes:** Studio Elective Requirement

**FURN 236 Furniture Materials and Techniques II: Integrating Design and Fabrication (5 Credits)**

In this course, students synthesize their design and fabrication skills. The course explores the conceptual, aesthetic and structural issues involved with the design and construction of a project utilizing a range of techniques and commonly used furniture materials.

**Prerequisite(s):** FURN 200.

**Attributes:** Studio Elective Requirement

**FURN 238 Design Studio: Furniture and Spatial Composition (5 Credits)**

Understanding the composition and quality of spaces in which humans work, interact, play, live and utilize their furniture is the basis of this course. Lectures, exercises and case studies provide students an appreciation of the complexities and nuances of the built environment towards a more meaningful and responsible furniture design process.

**Prerequisite(s):** FURN 201 and (FURN 232; IDUS 150; SDES 213; IDUS 213 or IDUS 225).

**Attributes:** Studio Elective Requirement

**FURN 301 Furniture Practices: Metal (5 Credits)**

A skilled furniture designer is familiar with the tools and techniques appropriate to a variety of materials, including metals. Students explore metal manipulation, machine operation and safety, proper use of hand tools, metal identification and cold assembly techniques in a variety of fabrication projects. This knowledge expands design and production possibilities, preparing students to meet the demands of the profession.

**Prerequisite(s):** (DSGN 102; SBLD 223; DSGN 102 or FOUN 240) and FURN 200.

**Attributes:** Studio Elective Requirement

**FURN 302 Materials and Processes (5 Credits)**

Through lectures, studio assignments and research, students explore traditional and contemporary materials and manufacturing methods unique to the furnishings industry as well as those common in other fields. Students are introduced to the technical and practical considerations that influence the choices of material and production. Emphasis is placed on the relationship between the designer and manufacturer.

**Prerequisite(s):** FURN 201.

**Attributes:** Studio Elective Requirement

**FURN 303 Design Studio: Market Context and Furniture Design (5 Credits)**

Through a series of lectures and seminars, this course enables students to identify, challenge and explore new concepts and design competencies within the parameters of markets and opportunities. The course also addresses trends and forecasting, patterns of domestic competition, practices in international import and export, packaging and transport of products. Students are exposed to case studies covering customer buying systems and hierarchies of needs, behavioral tendencies, cultural diversities, price determinants and market cost factors.

**Prerequisite(s):** FIBR 201; FURN 201; INDS 210; IDUS 250; JEWL 255 or MTJW 255.

**Attributes:** Business-focused elective

**FURN 305 Design Studio: Furniture Design for the Market (5 Credits)**

The complex process of furniture design for the market is examined and explored, addressing issues of function, structure, aesthetics, context and culture. The use of 2D and 3D visualization tools is instrumental as students develop and resolve their design solutions.

**Prerequisite(s):** FURN 236; FURN 215; FURN 238 or FURN 372.

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

**FURN 306 Furniture Practices: Methods in Plastics (5 Credits)**

This course is an introduction to plastics as a material for design and manufacture. Through lectures, demonstrations and small-scale exercises and projects, students become familiar with the vocabulary of plastics and plastics design. The course covers basic design principles, issues in plastics, design protocols, key manufacturing processes and fabrication techniques specific to designing for plastics.

**Prerequisite(s):** JEWL 102; MTJW 102; FIBR 160; FIBR 170; FIBR 190; FURN 200; IDUS 212 or ACCE 205.

**Attributes:** Studio Elective Requirement

**FURN 307 History of Furniture Design (5 Credits)**

This course gives the students an understanding of specific design proponents, movements and historical trajectories relevant to furniture design, in a manner that informs and complements their design process. The course draws upon historical lineage and identifies the predominant civilizations throughout history and the contribution they have made to furniture design. This course seeks to trace the dominant furniture paradigms and historical shifts that have occurred from prehistory up to the 21st century. Specific emphasis is placed on theoretical and ideological developments surrounding the age or era in which such developments occurred, and study is focused on the effects of such historical events, shifts and consequences.

**Prerequisite(s):** ENGL 123 or ENGL 193.

**FURN 309 Electronic Design and Visualization (5 Credits)**

Through this course, students become proficient in industry-standard modeling software applications, and how they allow for quick, accurate and transformable visualization of designs to provide a tool to facilitate communication between designer, engineer and client.

**Prerequisite(s):** SBLD 115; DRAW 115; DSGN 102 or FOUN 240.

**Attributes:** Studio Elective Requirement

**FURN 311 Methods of Wood Bending (5 Credits)**

In this course, students synthesize their design and fabrication skills. The course explores the conceptual, aesthetic and structural issues involved with the design and construction of a project utilizing various wood bending techniques.

**Prerequisite(s):** FURN 236 or FURN 215.

**Attributes:** Studio Elective Requirement

**FURN 320 Accessories for Living (5 Credits)**

This course explores design, construction and packaging issues associated with the production of accessories for the living environment. Students design, develop and fabricate a product with a focus on efficient production strategies and appropriate integration of assembly processes, including the potential use of various rapid prototyping technologies.

**Prerequisite(s):** FURN 302 or FURN 334.

**Attributes:** Studio Elective Requirement

**FURN 330 Exploration in Soft Furnishings (5 Credits)**

Through a series of lectures, demonstrations, assignments and projects, students gain knowledge and experience with the materials, equipment and techniques involved in the production of soft furnishings for a variety of functional and aesthetic purposes. The students are exposed to sewing technology, patternmaking, structural design and upholstery techniques that provide the parameters for students to conceptualize, explore, design and produce a full-scale prototype.

**Prerequisite(s):** FURN 236 or FURN 215.

**Attributes:** Studio Elective Requirement

**FURN 360 Professional Practice in Furniture Design (5 Credits)**

This course prepares students to enter the career field of furniture design. Topics include developing professional contacts, interviewing skills, portfolios and refined résumés.

**Prerequisite(s):** FURN 309.

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

**FURN 405 Design Studio: Directed Project (5 Credits)**

Research, design and preparation for prototyping are the focus of this course. It is intended to provide students with the opportunity to create the necessary documents and visual communication, making prototype execution feasible. Students generate concepts within the context of a directed project and prepare the necessary documents for execution of a prototype in later courses.

**Prerequisite(s):** FURN 305.

**Attributes:** Studio Elective Requirement

**FURN 410 Design Studio: Advanced Furniture Design (5 Credits)**

While applying their accumulated experience, knowledge and skills in a directed design project, students demonstrate their command of the design process, process documentation and presentation of a design project.

**Prerequisite(s):** FURN 305 and (FURN 360 or FURN 415).

**Attributes:** Studio Elective Requirement

**FURN 425 Design Studio: Senior Focus (5 Credits)**

This course provides the student the opportunity to propose and manage a faculty approved self-initiated design project with appropriate focus, inquiry, documentation, execution and presentation.

**Prerequisite(s):** FURN 410.

**Attributes:** Studio Elective Requirement

**FURN 479 Undergraduate Internship (5 Credits)**

Internships offer students valuable opportunities to work in a professional environment and gain firsthand experience to help them prepare for careers. In an approved internship setting, a student typically spends one quarter working with an on-site professional supervisor and a faculty internship supervisor to achieve specific goals and objectives related to the program of study.

**FURN 495 Experiential Furniture Design (5 Credits)**

This course focuses on sponsored projects with the SCAD furniture design program and various industry partners. Students are exposed to the challenges of working for real clients to solve current problems in the furniture design field. Students employ both traditional and digital tools while working within a team environment to create solutions to meet project objectives and exceed client needs within this project-driven studio.

**Attributes:** Studio Elective Requirement

**FURN 706 Exploration in Plastics (5 Credits)**

Plastics and plastics processes are covered in the context of a wide range of applications and within a variety of industries. Through lectures, case studies, demonstrations, and small-scale exercises and projects, students become familiar with the vocabulary of plastics and plastics design. Criteria for the design of plastic components and identification of processing methods are discussed and applied.

**Attributes:** Studio Elective Requirement

**FURN 708 3D Computer-aided Design for Furniture (5 Credits)**

Through this course, students become proficient in industry-standard modeling software applications and how they allow for quick, accurate and transformable visualization of designs as a tool to facilitate communication between designer, engineer and client.

**Attributes:** Studio Elective Requirement

**FURN 710 Issues in Furniture Design (5 Credits)**

Through reading, writing and discussion, students explore the value of design and the role of furniture in our culture. With subtopics approaching sustainability, design methodology and ethics, among others, students examine contemporary discourse and establish their own design philosophy.

**FURN 715 Methods in Furniture Fabrication (5 Credits)**

Safe and proper use of studio fabrication equipment specific to and essential in the construction of furniture is covered in this course. Skills acquired in this course are instrumental to the effective production of furniture forms whether for testing, evaluation, presentation or exhibition. Students become familiar with and experience key processes involved in fabricating furniture artifacts large or small, providing the foundation for success in subsequent studios.

**Attributes:** Studio Elective Requirement

**FURN 721 Wood Bending Methods (5 Credits)**

In this course, students acquire and integrate the knowledge and practice of bending wood as it applies to furniture and accessories.

**Prerequisite(s):** FURN 715.

**Attributes:** Studio Elective Requirement

**FURN 732 Evolution of Furniture Design (5 Credits)**

Presented in a manner that informs and complements their design intentions, innovative interventions and creative intelligence, this course provides students an understanding of major design proponents, movements and historical trajectories relevant to furniture design. The course draws upon the historical lineage of furniture design and identifies the predominant breakthroughs, materials and techniques throughout history, with specific emphasis on theoretical and ideological developments and the effects of such historical events.

**FURN 738 Furniture Studio: Design and Implementation (5 Credits)**

Students focus on a design project that considers the human experience with furniture in the built environment. The student applies acquired skills and knowledge toward solving a multifaceted furniture design problem of either a predetermined or proposed context. Students develop comprehensive documentation of sources, analysis and synthesis that supports the intended design solution and demonstrates an understanding of material, functional and aesthetic requirements in the execution of the course project.

**Prerequisite(s):** FURN 715.

**Attributes:** Studio Elective Requirement

**FURN 742 Directed Research in Furniture Design (5 Credits)**

As the result of extensive research, students demonstrate the ability to pursue an inclusive concept development process, including the core components of research methodology, analysis and material integration. The process culminates in a written statement for presentation to the M.F.A. 45-hour review and a narrative draft to accompany a body of work.

**Prerequisite(s):** FURN 738.

**Attributes:** Studio Elective Requirement

**FURN 748 Furniture Studio: Process and Prototype (5 Credits)**

Students focus on a design project integrating research, content and the iterative process as applied toward the furniture form and its role in the built environment and market. Students create thorough documentation supporting and advancing design solutions and their feasibility relative to established design goals. Considerations of function and the material and technical requirements suggested by the design are addressed.

**Prerequisite(s):** FURN 715.

**Attributes:** Studio Elective Requirement

**FURN 749 Furniture Design M.A. Final Project (5 Credits)**

All M.A. students in furniture design are required to complete a final portfolio project that represents the culmination of their academic program.

**Prerequisite(s):** FURN 738 and minimum score of 5 in 'Graduate Prerequisite Test'.

**Attributes:** Studio Elective Requirement

**FURN 754 Directed Studies I: Thesis Research, Application, and Design (5 Credits)**

Application of learned research methodologies and demonstration of in-depth knowledge on furniture design form the basis for this course. Students plan and undertake the first phase of the intended body of work for their graduate project, leading to fully realized forms and the accompanying support documentation.

**Prerequisite(s):** FURN 742.

**Attributes:** Studio Elective Requirement

**FURN 760 Experimental Metal Fabrication (5 Credits)**

In this course, students practice core and advanced processes in the exploration of metal as a machine and fabrication medium. Machine and material safety are integrated with a focus on the proper use of hand tools, metal identification, welding, and cold assembly techniques.

**Prerequisite(s):** FURN 715.

**Attributes:** Studio Elective Requirement

**FURN 764 Directed Studies II: Thesis Development, Execution, and Exhibition (5 Credits)**

Evaluation, refinement and focus of the topic investigation provide opportunities for the student to build on the first phase of the graduate thesis project. Deeper analysis, investigation and understanding are reflected in the execution, presentation and documentation of the second phase of the graduate project and exhibit planning.

**Prerequisite(s):** FURN 754 and minimum score of 6 in 'Graduate Prerequisite Test'.

**Attributes:** Studio Elective Requirement

**FURN 769 Soft Furnishings (5 Credits)**

Students acquire knowledge of sewing technology, patternmaking, structural design and upholstery techniques. Students conceptualize, develop, design and execute a soft furnishing ensemble constructed from available and alternative materials applicable to varied aesthetic and functional purpose.

**Attributes:** Studio Elective Requirement

**FURN 770 Professional Portfolio: Entrepreneurial and Business Strategies (5 Credits)**

In this course, students prepare to enter their career field. Topics include developing professional contacts, interviewing skills, portfolio and refined résumés. Graduate students develop a comprehensive package to prepare for employment, based on improved skill sets and capabilities. In-class learning is augmented by visiting furniture manufacture and design facilities in the area.

**Attributes:** Studio Elective Requirement

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

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

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

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

**FURN 783 Furniture Design Experiences (5 Credits)**

This course focuses on sponsored projects with the SCAD furniture design program and various industry partners. Graduate students are exposed to the challenges of working for real clients to solve current problems in the furniture design field. Students employ both traditional and digital tools while working within a team environment to create solutions that meet project objectives and exceed client needs within this project-driven studio.

**Attributes:** Studio Elective Requirement

**FURN 790 Furniture Design M.F.A. Thesis (5 Credits)**

As the pinnacle of the furniture design M.F.A. degree program, students complete a graduate-level thesis that presents a mature, resolved body of work, and demonstrates advanced professional competence through mastery of the technical, creative and aesthetic elements of the discipline. Students earning an M.F.A. in furniture design seek creative design solutions by engaging in research and thorough reflection of design opportunity, intent and process, culminating in a thesis that expands the body of knowledge in the field of furniture design.

**Prerequisite(s):** minimum score of 6 in 'Graduate Prerequisite Test' and FURN 764.

## Interior Design

**INDS 101 Introduction to Interior Design (5 Credits)**

An introduction to the profession of interior design, this course provides students with a comprehensive understanding of the role of the interior designer and the scope of the profession. Lectures, discussions, problem-solving and design application allow the student to explore interior design as both a creative process and a profession.

**Prerequisite(s):** (DRAW 101; FOUN 220; DRAW 100 or FOUN 111) and DIGI 130.

**INDS 102 Form, Space, and Order (5 Credits)**

This course cultivates the ability to develop creative abstract design thinking and translate it into the three-dimensional composition of space and form with a system of formal architectural ordering. The course cultivates design process tools such as diagramming, drawing and model making through a series of design explorations, including abstract ideation, physical embodiment, architectural composition and precedent analysis exercises.

**Prerequisite(s):** SBLD 115; DRAW 115; DSGN 102 or FOUN 240.

**Attributes:** Studio Elective Requirement

**INDS 110 Interior Design Studio I: Exploring People and Space (5 Credits)**

This course, the first in a series of five interior design studio experiences, introduces students to basic interior design principles, theory and conceptual processes. The emphasis is on creating small-scale environments based on the interaction of the individual with the environment.

**Prerequisite(s):** INDS 101 and (INDS 204 or SBLD 204) and (SBLD 223; DSGN 223 or INDS 102).

**Attributes:** Studio Elective Requirement

**INDS 209 Interior Materials (5 Credits)**

This course presents a broad study of interior finishes and furnishings. The specification, composition, construction and application/usability of finishes and furnishings are covered. Lectures, demonstrations, projects and field trips promote the development of design ideas related to materials as well as sustainable materials and finishes.

**Prerequisite(s):** DSGN 101 or FOUN 112.

**INDS 210 Interior Design Studio II: Specialized Interior Environments (5 Credits)**

This studio course continues the study of interior design through research, analysis, programming, conceptualization and design of the interior environment. Projects include exercises in spatial organization, anthropometrics and circulation on an increasingly complex scale.

**Prerequisite(s):** INDS 110 and ELDS 225.

**Attributes:** Studio Elective Requirement

**INDS 211 History of Interior Design (5 Credits)**

This course offers a comprehensive and concise compendium of the history of interiors from antiquity to present with reference to interiors as a social art, responsive to historical and cultural influences. Design theories and philosophies are explored in reference to their influence on interiors along with the complexity and intricacies of the sensory relationship of humans with interior space over time.

**Prerequisite(s):** (CTXT 121 or ARTH 100) and (CTXT 122 or ARTH 110).

**INDS 302 Lighting for the Interior (5 Credits)**

This course explores the use of lighting as a design element in the interior environment. Basics of electricity and electrical distribution systems, function, use and control of light, lighting fixtures, and lighting installation are topics for lecture and discussion. Through demonstrations in the lighting lab, luminaries and lamps are compared with regard to glare, light distribution, intensity, color, color rendition, energy effectiveness and cost.

**Prerequisite(s):** INDS 110.

**Attributes:** Studio Elective Requirement

**INDS 306 Building Construction and Systems for the Interior (5 Credits)**

Through examination of interior building construction materials and systems, this course promotes understanding of the various constructed assemblies, both structural and nonstructural, that combined form complete buildings. Functional and environmental considerations about building technology systems, and the role of interior designers in improving the quality of the built environment, are also covered. Emphasis on the necessary partnership of building technology experts, architects, interior designers, engineers, and clients is integral to the course.

**Prerequisite(s):** INDS 110.

**INDS 320 Interior Design Studio III: Documentation and Communication (5 Credits)**

Communication of the design intent through construction documentation is the focus of this studio course. With an emphasis on constructability and integration of electrical, mechanical and code requirements, assigned projects expand student understanding, application and communication of lighting, color, materials, technology and structure through construction documents and specifications.

**Prerequisite(s):** INDS 210.

**Attributes:** Studio Elective Requirement

**INDS 321 Interior and Exterior Illustration (5 Credits)**

This course covers the exploration, development of technique and the application of sighted perspective drawings of architectural interiors and exteriors, furnishings, accessories and details. Employing a variety of media, students produce work to support and enhance portfolio presentation. Emphasis is placed on aesthetic concerns.

**Prerequisite(s):** SBLD 115; DRAW 115 or FOUN 240.

**Attributes:** Studio Elective Requirement

**INDS 350 Interior Design Studio IV: Collaborative Practice in Design (5 Credits)**

This studio course provides a collaborative and multidisciplinary structure for the exploration and application of human-centric design methodology in interior environments.

**Prerequisite(s):** INDS 320.

**Attributes:** Studio Elective Requirement

**INDS 405 Portfolio Preparation (5 Credits)**

This course provides the opportunity for interior design students to develop a professional working portfolio. Emphasis is placed on organizing a strong body of work, focused on a specific area of expertise dictated by the students' individual career goals. Presentation options are explored, examined and executed.

**Prerequisite(s):** INDS 320 or INDS 310.

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

**INDS 413 Professional Practice in Interior Design (5 Credits)**

This course presents the professionalism and ethics of interior design. Design practice, public and client relations, administration and procedures, and social responsibilities are discussed. Professional qualifications and organizations are covered, and students set personal goals for achievement in the profession.

**Prerequisite(s):** INDS 320 or INDS 310.

**Attributes:** Business-focused elective

**INDS 470 Interior Design Studio V: Capstone I - Design Thinking for Innovation (5 Credits)**

As the first part of a capstone project, students in this course advance their design skills to meet the challenge of a complex project. Selecting both client and project, students complete an in-depth precedent study, code and building analysis, user assessment, programming, conceptualization, and presentation. Design research methods, innovation, code compliance, sustainability and acoustical comfort are key issues that are addressed.

**Prerequisite(s):** INDS 350.

**Attributes:** Studio Elective Requirement

**INDS 479 Undergraduate Internship (5 Credits)**

Internships offer students valuable opportunities to work in a professional environment and gain firsthand experience to help them prepare for careers. In an approved internship setting, a student typically spends one quarter working with an on-site professional supervisor and a faculty internship supervisor to achieve specific goals and objectives related to the program of study.



**INDS 480 Interior Design Studio VI: Capstone II - Design Development and Communication (5 Credits)**

This course is the second part of a capstone project. Emphasis is on individual competence in interior design development and specification. Students develop the project selected in Studio V, with a focus on choosing, refining and effectively communicating design intent.

**Prerequisite(s):** INDS 470.

**Attributes:** Studio Elective Requirement

**INDS 501 Materials for Interior Environments (5 Credits)**

The built interior environment comprises multiple interacting elements, including construction, finishes and furnishings. Selecting and specifying the best materials plays an essential role in the successful communication of design concepts. Through lectures, demonstrations and projects, students discover why materials matter in support of design intent and how emerging new materials impact the design of contemporary interior environments.

**Attributes:** Studio Elective Requirement

**INDS 502 Technical Foundation for Interior Design (5 Credits)**

This course serves as a comprehensive overview of the technical requirements of interior design projects. It emphasizes the critical nature of codes, interior building systems and construction, lighting, interior materials and sustainability as fundamental components of the interior built environment. Course content includes the introduction and application of LEED requirements, custom interior detailing and CSI specifications.

**INDS 503 Design Visualization, Communication, and Documentation (5 Credits)**

This course reinforces the graphic, technical and digital representation skills and techniques utilized within graduate-level study of interior design. Projects and assignments inform students of the importance of managing and communicating design data, construction documentation and interior detailing. Students explore alternative digital presentation methodologies through various software interfaces.

**INDS 504 Interior Design Studio Applications (5 Credits)**

This course is a precursor to the advanced study of interior design in a studio setting, emphasizing individual competence in the total design process. Projects are structured to emphasize the individual phases of design and culminate in a multi-faceted design solution to serve as an assessment tool for gauging success in the graduate program.

**Attributes:** Studio Elective Requirement

**INDS 505 Rendering Interior Environments (5 Credits)**

Rendering skills for interior designers are critical in communicating design intent. In this course, students master freehand rendering through analog and digital methods to clearly and expertly communicate innovative solutions, developing the skills necessary for a lifetime of success as design leaders.

**Attributes:** Studio Elective Requirement

**INDS 506 Interior Design Context and Evolution (5 Credits)**

From the post-Renaissance to the present, interior design has influenced the world aesthetically, culturally and technologically. This course traces the progression of the philosophies of influential interior design leaders and the evolution of modern design theory. Through advanced research and writing, students connect the history of interior design to contemporary issues and discover how to use contextual knowledge of the industry's past to inform present-day practice.

**INDS 702 Interior Design Seminar (5 Credits)**

This seminar course introduces students of diverse backgrounds to interior design as an academic discipline and as a profession. Students explore issues that affect interior design, establish personal goals of achievement and begin to develop a personal philosophy of design.

**INDS 706 Interior Design Theory and Criticism (5 Credits)**

This course examines the ways in which architects, interior designers and theorists express and conceptualize the spirit of interior design. Readings are drawn from significant work detailing the history of interior design and the role of interior design in the future. Through active participation in discussions, research papers and independent analyses, students are expected to develop skills in analyzing and conceptualizing interior design principles.

**INDS 709 Research Methods for Interior Design (5 Credits)**

This course is an introduction to research methods in design, exploration of history of research methods and contemporary applications.

**INDS 712 Graduate Interior Design Studio I: Analysis and Design of Live-work Settings (5 Credits)**

This course begins the advanced study of interior design in a studio setting through the development and execution of strong design ideas. Projects are structured to emphasize the design process: analyzing, programming, conceptualizing, developing and presenting ideas of a medium level of complexity.

**Attributes:** Studio Elective Requirement

**INDS 714 Graduate Interior Design Studio II: Environments for Special Populations (5 Credits)**

This course continues the advanced study of the interior design process through the development and execution of designs for special populations. Projects are structured to emphasize human factors and the design process.

**Prerequisite(s):** INDS 712.

**Attributes:** Studio Elective Requirement

**INDS 718 Graduate Interior and Exterior Illustration (5 Credits)**

Understanding and applying the underlying principles of graphic presentation and rendering techniques are the focus of this course. Students explore communication and promote design ideas through the application of perspective drawings of architectural interiors and exteriors. Emphasis is placed on aesthetic concerns and professional presentation techniques.

**Attributes:** Studio Elective Requirement

**INDS 721 Emerging Interior Materials (5 Credits)**

The focus of this course is on emerging materials that have the potential to be applied in interior design. This course presents an exploratory study of technological advances that have generated new interior materials recently introduced in the market and their impact on global sustainability. Sustainable and intelligent structural materials and finishes are covered. The specification, composition, construction and application/usability of these new interior materials are also covered. Group discussions, presentations, projects and field trips promote the development of design ideas related to new materials.

**INDS 722 Applied Interior Lighting (5 Credits)**

This course explores the advanced study of lighting as a design element in the interior environment. Electricity, electrical distribution systems, function, use and control of light, lighting fixtures and lighting installation are covered in lectures, discussion and application. Through demonstrations in the lighting lab, luminaries and lamps are compared with regard to glare, light distribution, intensity, color, color rendition, energy effectiveness and cost. Students utilize manufacturer catalogs, computer programs and lighting equipment to design and construct a lighting fixture.

**INDS 726 Environmental Psychology for Interior Design (5 Credits)**

In this course, the complex interaction and impact of the built environment on human behavior is examined through the context of social, behavioral, cultural and environmental variables. Issues of social and cultural context, gender, health and well-being are examined through environmental factors and characteristics of the built environment such as structure type and use, density, zoning, planning, development and transition, and transportation.

**INDS 740 Contemporary Issues in Interior Design (5 Credits)**

In this course, students explore a variety of critical, aesthetic and practical issues relevant to the current practice of interior design. This course employs readings, lectures and discussions to stimulate and refine critical thinking and practical design problem-solving abilities. Collaborative student groups conduct research about a current topic of interest and are responsible for preparing a project and presentation as a focal point for critiques and discussion.

**INDS 749 Interior Design M.A. Final Project (5 Credits)**

Dedicated to the research of an interior design topic related to one's personal area of interest, this course is the culmination of the M.A. in interior design degree. Emphasis is placed on multiple communication methods to clearly justify and explain research process and outcomes.

**Prerequisite(s):** INDS 706; INDS 709 and minimum score of 5 in 'Graduate Prerequisite Test'.

**Attributes:** Studio Elective Requirement

**INDS 751 Graduate Interior Design Studio III: Inclusive Design for Special Populations (5 Credits)**

This studio course continues the advanced study of the interior design process through the development and execution of a comprehensive graduate-level design problem. Emphasis is placed on specialized interior environments based on students' direction and areas of expertise.

**Prerequisite(s):** INDS 714.

**Attributes:** Studio Elective Requirement

**INDS 752 Graduate Interior Design Studio IV: Environments for Public Interaction (5 Credits)**

This studio course continues the advanced study of the interior design process through the design of multifunction interior environments. Emphasis is placed on the human relationship to the interior environment. Projects are structured to require a high degree of complexity.

**Prerequisite(s):** INDS 751.

**Attributes:** Studio Elective Requirement

**INDS 755 Global Professional Practices in Interior Design (5 Credits)**

This course examines the professional aspects of the practice of interior design including office procedures, business law, contracts, letters of agreement, insurance and liability, as well as interaction with employers, clients and consultants. Emphasis is placed on the principles and ethics of design practice.

**Prerequisite(s):** INDS 714.

**INDS 760 Graduate Interior Design Portfolio (5 Credits)**

This course provides the opportunity for interior design students to develop a professional working portfolio. Emphasis is placed upon organizing a strong body of work focused on a specific area of expertise dictated by the student's individual career goals. Presentation options are explored, examined and executed.

**Attributes:** Studio Elective Requirement

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

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

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

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

**INDS 791 Graduate Interior Design Studio V: Thesis I - Developing Research to Inform Design (5 Credits)**

This studio serves as the first part of a two-studio sequence dedicated to the development and production of an interior design project as the culmination of the M.F.A. course of study. Students are required to develop and submit a programmatic thesis proposal to the thesis committee during the third week of the quarter. Following committee approval, analysis, programming and conceptual design, work begins on the project, with the advice and guidance of faculty. Emphasis is placed on a high degree of complexity and challenge within the design project.

**Prerequisite(s):** INDS 752 and minimum score of 6 in 'Graduate Prerequisite Test'.

**INDS 792 Graduate Interior Design Studio VI: Thesis II - Informed Design Application (5 Credits)**

This studio serves as the second part of a two-studio sequence dedicated to the development and production of a major interior design project as the culmination of the M.F.A. course of study. Students continue the design project through the conventional phases of design development, documentation and presentation. A written research component must accompany the drawings, models and other materials submitted for consideration.

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

## Preservation Design

**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).

**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.

**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.

**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.

**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.

**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'.

## School of Building Arts

**SBLD 204 Rendering for the Interior (5 Credits)**

This course covers the exploration, development of technique and application of rendering skills for architectural interiors and exteriors, furnishings, accessories and details through a variety of media including pen and ink, color pencil and markers. Emphasis is placed on material simulation and delineation techniques.

**Prerequisite(s):** (DRAW 101; FOUN 220; DSGN 101 or FOUN 112) and (DRAW 230 or FOUN 245) and ELDS 225.

**Attributes:** Studio Elective Requirement

**SBLD 515 Advanced Graphics for the Building Arts (5 Credits)**

Building arts professionals must be competent at utilizing complex graphic representation techniques. This course addresses a wide variety of design representation, as well as teaches drawing as a tool for critical thinking. The nuanced language of three-dimensional design is examined through lectures and studio projects, surveying form and space, including plan/section/elevation, paraline drawing, perspective and rendering.

**Attributes:** Studio Elective Requirement

**SBLD 560 Collaborative Experiences in the School of Building Arts (5 Credits)**

Students from a variety of disciplines within the School of Building Arts work as a team to research, conceptualize, and develop creative solutions for current design challenges. Specific projects vary from quarter to quarter. [This course may be taken up to three times for credit.]

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