

# ARCHITECTURE

## Program Information

**Doctor of Philosophy:** The college offers an interdisciplinary program leading to the Doctor of Philosophy degree in design, construction, and planning. Areas of specialization in this program include architecture, building construction, interior design, landscape architecture, and urban and regional planning. For information, write to the:

Ph.D. Director  
College of Design, Construction, and Planning Doctoral Program  
331 ARCH  
Box 115701.

**Master of Architecture:** In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year term, an eight-year term with conditions, or a two-year term of continuing accreditation, or a three-year term of initial accreditation, depending on the extent of its conformance with established education standards. Doctor of Architecture and Master of Architecture degree programs may require a non-accredited undergraduate degree in architecture for admission. However, the non-accredited degree is not, by itself, recognized as an accredited degree.

The University of Florida School of Architecture offers the following NAAB-accredited degree programs:

- Master of Architecture (M.Arch) – Track I: Undergraduate pre-professional degree with architecture major + 52 graduate semester credit hours
- Master of Architecture (M.Arch) – Track II: Undergraduate professional degree + 30 graduate semester credit hours
- Master of Architecture (M.Arch) – Track III: Undergraduate degree with non-architecture major + 48 preparatory semester credits + 52 graduate semester credit hours

Next accreditation visit for all programs: 2022.

During graduate studies, each student has the opportunity to focus on one or more areas, including design, history and theory, urban design, preservation, structures, and technology. Concentrations and certificates are available in themed environments integration, historic preservation, sustainable architecture, and sustainable design. The student's overall college experience, both undergraduate and graduate programs, is intended to be a complete unit of professional education leading to practice in architecture or related fields.

- *Master of Architecture – Track I (Undergraduate pre-professional degree with architecture major + 52 graduate semester credit hours):* For those students who have a 4-year pre-professional baccalaureate degree in architecture from an accredited institution, 2 years in residence (52 credits) are normally required to complete the Master of Architecture degree. Notification of program length is part of the letter of acceptance and is determined by portfolio and transcript review. ARC 6241 Advanced Studio I (1-9 cr.), ARC 6355 Advanced Studio II (6 cr.), and ARC 6356 Advanced Studio III (6 cr.) are required of all graduate students in this track and are prerequisites for the

required thesis or master's project. Course sequences in history and theory, technology, structures, and professional practice must also be completed.

- *Master of Architecture – Track II (Professional degree + 30 graduate semester credit hours):* For students with a professional degree in architecture from a NAAB-accredited professional degree program, a 1-year degree program is available. In these cases, a specialized curriculum is developed that complements the needs of the applicant. Minimum registration is 30 credits; however, the minimum may increase if transcript reviews show that further course work is needed to meet registration and curriculum requirements. ARC 6356 (<https://catalog.ufl.edu/search/?P=ARC%206356>) Advanced Studio III (6 cr.) is a prerequisite for the thesis or master's project.
- *Master of Architecture – Track III (Undergraduate degree with non-architecture major + 48 preparatory semester credits + 52 graduate semester credit hours):* For students with a baccalaureate degree in a nonrelated academic area and have completed fewer than 4 design studio courses, 4 years of residence (100 credits, approximately) are normally required to complete the Master of Architecture degree. Notification of program length is part of the letter of acceptance and is determined by portfolio and transcript review. ARC 4071 Core Studio 1 (6 cr.), ARC 4072 Core Studio 2 (6 cr.), ARC 4073 Core Studio 3 (6 cr.), ARC 4074 Core Studio 4 (6 cr.), ARC 6241 Advanced Studio I (1-9 cr.), ARC 6355 Advanced Studio II (6 cr.), and ARC 6356 Advanced Studio III (6 cr.) are required of all graduate students in this track and are prerequisites for the required thesis or project. Undergraduate courses 3000 and 4000 level in the major do not count toward the 52-hour minimum requirements for the graduate degree. Course sequences in history and theory, materials and methods, technology, structures, and practice must be completed.

**Student work:** The School may retain student work for the purpose of record, exhibition, or instruction.

**Master of Science in Architectural Studies:** The M.S.A.S. is a nonprofessional degree for advanced investigations in specialized areas, including themed environments integration, pedagogy, sustainable design, acoustics, computational design, community design, history/theory/criticism, building technology, preservation, or practice. Students with a bachelor's degree in any discipline from an accredited university are eligible to apply to this program. The proposed area of focus should be precisely defined in the application. This is a 3- to 4-semester program (32 hours minimum) that includes a thesis. (No more than 6 hours of ARC 6971 Research for Master's Thesis (1-15 cr.) may be counted in the minimum credit hours for the degree.) Interdisciplinary study is encouraged. Concentrations and certificates are available in themed environments integration, historic preservation, sustainable architecture, and sustainable design.

Requirements for the M.Arch., M.S.A.S., and Ph.D. degrees are described in the General Information section of this catalog.

**Applications:** For the Master of Architecture (M.Arch) degree programs, all applications for fall term graduate admission (including official transcripts, GRE scores, and TOEFL scores, if necessary) must be received by the Office of the Registrar by January 1. In addition to satisfying University requirements for admission, applicants are required to submit to the Graduate Program Assistant, School of Architecture, 231 ARCH, Box 115702, the following: a portfolio of their creative work; a scholarly statement of intent and objectives; and three letters of recommendation. This material must be received by January 1 to be considered for admission in the next fall term. Students may apply after

the January 15 deadline but will only be considered if spaces become available.

For the Master of Science in Architectural Studies (M.S.A.S.) degree programs, all applications (including official transcripts, GRE scores, and TOEFL scores, if necessary) must be received by the Office of the Registrar by February 15 to be considered for the following fall semester or by September 15 to be considered for the following spring semester. In addition to satisfying University requirements for admission, applicants are required to submit to the Graduate Program Assistant, School of Architecture, 231 ARCH, Box 115702, the following: a scholarly statement of intent and objectives; three letters of recommendation; and a portfolio of their creative work (if applicable to the course of study). Students may apply after the fall or spring deadlines will only be considered if spaces become available.

Field trips are required of all students; students should plan to have adequate funds available. It may be necessary to assess studio fees to defray costs of base maps and other generally used materials.

### Degrees Offered

## Degrees Offered with a Major in Architecture

- Master of Science in Architectural Studies
  - without a concentration
  - concentration in Historic Preservation
  - concentration in Sustainable Architecture
  - concentration in Sustainable Design
  - concentration in Themed Environments Integration
- Master of Architecture
  - without a concentration
  - concentration in Historic Preservation
  - concentration in Sustainable Architecture
  - concentration in Sustainable Design

Requirements for these degrees are given in the Graduate Degrees (<http://gradcatalog.ufl.edu/graduate/degrees/>) section of this catalog.

### Courses

## Architecture Program Core Courses

Code	Title	Credits
ARC 6512	Structural Modeling	3
ARC 6116	Drawing toward Architecture	1-2
ARC 6311C	Building Information Modeling	3
DCP 6218	Developing Sustainable Projects	3
DCP 6710	History and Theory of Historic Preservation	3
DCP 6715	Built Heritage Documentation II	3
DCP 6971	Research for Master's Thesis	1-9
URP 6272	Urban Spatial Analysis	3

## School of Architecture Courses

Code	Title	Credits
ARC 5040	Introduction to Themed Environments	3
ARC 5041	Design and Documentation of Themed Environments	3
ARC 5042	Fabrication and Execution for Themed Environments	3
ARC 5043	Integration Practices for Built Environments	3

ARC 5921	Fundamentals of Coding and Computation - Introduction to Computer Programming for Architects	3
ARC 6044	Development and Operations for Themed Environments	3
ARC 6045C	Project Development Studio for Themed Environments	6
ARC 6116	Drawing toward Architecture	1-2
ARC 6212	Topics in Phenomena and Architecture	3
ARC 6228	Film and Architecture	3
ARC 6241	Advanced Studio I	1-9
ARC 6242	Research Methods	3
ARC 6281	Professional Practice	3
ARC 6306C	Public Interest Design: Contemporary Issues and Practice	3
ARC 6311C	Building Information Modeling	3
ARC 6355	Advanced Studio II	6
ARC 6356	Advanced Studio III	6
ARC 6357	Advanced Topics in Architectural Design	3
ARC 6399	Advanced Topics in Urban Design	3
ARC 6505	Architectural Structural Systems: Wood, Steel, and Concrete	4
ARC 6512	Structural Modeling	3
ARC 6611	Advanced Topics in Architectural Technology	3
ARC 6621	Graduate Environmental Technology 2	3
ARC 6642	Architectural Acoustic Design Laboratory	3
ARC 6643	Architectural Acoustics	3
ARC 6670	Lighting Design Seminar	3
ARC 6680	Architecture Energy and Ecology	3
ARC 6685	Life Safety, Sanitation, and Plumbing Systems	3
ARC 6686	LEED for Sustainable Design and Construction	3
ARC 6705	Graduate Architectural History 3	3
ARC 6773	Strains of Modernism	3
ARC 6793	Advanced Topics in Regional Architecture	3
ARC 6821	Preservation Problems and Processes	3
ARC 6883	Vernacular Architecture & Sustainability	3
ARC 6911	Architectural Research	1-6
ARC 6912	Architectural Research II	1-6
ARC 6913	Architectural Research III	1-6
ARC 6922	Machine Learning for Architects	3
ARC 6923	AI & Ethics in Architecture	3
ARC 6933	Sustainable Site Design	3
ARC 6934	European Approach to Sustainable Design	3
ARC 6940	Supervised Teaching	1-5
ARC 6971	Research for Master's Thesis	1-15
ARC 6979	Master's Research Project	1-10

## College of Design, Construction, and Planning Courses

Code	Title	Credits
DCP 6205	Ecological Issues in Sustainability and the Built Environment	3
DCP 6212	Sustainable Design Issues: Ecology, Architecture, and Planning	4
DCP 6217C	WELL Building Strategies (WELL Practicum)	6
DCP 6218	Developing Sustainable Projects	3
DCP 6221	Economics of Sustainability in the Built Environment	3

DCP 6230	Integrated Sustainable Development Practicum	6
DCP 6231C	Green Building Strategies	6
DCP 6301	Sustainable Planning and Design Studio	6
DCP 6701	World Heritage Research and Stewardship	3
DCP 6710	History and Theory of Historic Preservation	3
DCP 6711C	Built Heritage: History and Materials Conservation I	3
DCP 6712C	Built Heritage: History and Materials Conservation II	3
DCP 6714C	Built Heritage Documentation I	3
DCP 6715	Built Heritage Documentation II	3
DCP 6716	Cultural Resource Management	3
DCP 6718	Current Topics in Historic Preservation	3
DCP 6730	Preservation Policy	3
DCP 6905	Independent Study	1-3
DCP 6931	Special Topics in Design, Construction, and Planning	1-4
DCP 6943	Cultural Resource Survey	3
DCP 6971	Research for Master's Thesis	1-9
DCP 6979	Master's Research Project	1-6
DCP 7790	Doctoral Core 1: Paradigms and Theories of Inquiry	3
DCP 7794	Doctoral Core 4: Research Assessment and Professional Preparation	1
DCP 7911	Doctoral Core 2: Foundations of Research Design and Methodologies	3
DCP 7940	Supervised Teaching	1-3
DCP 7949	Professional Internship	1-5
DCP 7979	Advanced Research	1-12
DCP 7980	Research for Doctoral Dissertation	1-15
DCP 7981	Doctoral Core 3: Academic Writing for Publication	3

Develop an area of focus and a self-directed inquiry. Work collaboratively toward integrative proposals

#### SLO 3 Professional Behavior

Engage in the advancement of the discipline. Engage the economic, ethical, and aesthetic aspects of professional practice

### Student Learning Outcomes

## Architecture (MS)

#### SLO 1 Knowledge

Acquire, interpret and analyze information as it relates to the design process. Use critical thinking and specialized knowledge of architectural systems to identify and assess problems. Develop design responses in a competent and ethical manner

#### SLO 2 Skills

Develop an area of focus and a self-directed inquiry. Work collaboratively toward integrative proposals

#### SLO 3 Professional Behavior

Engage in the advancement of the discipline

Engage the economic, ethical, and aesthetic aspects of professional practice

## Master of Science in Architectural Studies

#### SLO 1 Knowledge

Acquire, interpret and analyze information as it relates to the design process. Use critical thinking and specialized knowledge of architectural systems to identify and assess problems. Develop design responses in a competent and ethical manner

#### SLO 2 Skills