

School of Architecture

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The School of Architecture is dedicated to advancing the professions of architecture, interior design and landscape architecture. In keeping with the nature of these professions, the programs are taught in an interdisciplinary manner, taking full advantage of the resources and areas of expertise offered by each. The school offers two undergraduate degree programs, a Bachelor of Arts in Architecture and Bachelor in Interior Design (see undergraduate catalog for descriptions), and four graduate degree programs: Master of Architecture, Master of Arts in Architecture, Master of Landscape Architecture, and a Master of Arts in Landscape Architecture.

Students applying to the School should plan for the financial aspects of a design education. This includes the costs of computers, software, travel and field trips, tools and equipment, and building and modeling supplies. All students must have continuing access to a personal computer through purchase, lease or other arrangements. For further information contact the School.

Ownership of Student Work

Student work, submitted to the School in satisfaction of course or degree requirements, becomes the physical property of the School. However, students retain all rights to the intellectual property of such work. This work may include papers, drawings, models, and other materials. The School assumes no responsibility for safeguarding such materials. At its discretion, the School may retain, return, or discard such materials. The School will not normally discard the materials of currently enrolled students without giving the student a chance to reclaim them.

Admissions Requirements for All Graduate Degrees in the School of Architecture

All applicants must meet University graduate admissions requirements. Applicants to the School of Architecture degree programs must also submit a portfolio of creative work for School review in the admission process.

Admission to the Master of Architecture, Master of Arts in Architecture, Master of Landscape Architecture, and Master of Arts in Landscape Architecture is determined by an extensive portfolio review that examines evidence of creative work, academic success, and professional achievement. The deadline for portfolio submission is February 1 of each year. Portfolios submitted after this date will be considered if studio space is available. Please contact the School of Architecture for specific portfolio requirements.

Students who have successfully completed the portfolio review process must also meet the minimum requirements of an undergraduate degree from an accredited college or university and an undergraduate grade point average (GPA) of 3.0 on a 4.0 scale, or hold a graduate degree from an accredited institution to be fully admitted in the graduate program. When the academic record is less than 3.0 GPA, a minimum score of 1000 on the Graduate Record Examination (GRE) is required to complete for admission.

Thesis Requirement

Graduate students in all masters degree programs are required to undertake a thesis as the curriculum of their course of study at the School of Architecture.

Master of Architecture Professional Degree Tracks (Accredited by NAAB)

This course of study prepares students for research and practice in the field of architecture. It includes the study of design, advanced technologies in architectural practice, and the history and theory of architecture.

Miami is an outdoor laboratory of modern architecture, and FIU provides the kinds of experience that build and in-depth understanding of and inspire a passion for the profession. The region has long been known for its contemporary high-rises by internationally recognized architects. A rapidly changing, multicultural city, Miami is also a resource for exploring diverse issues of community design and urban planning, historic preservation, landscapes and changing land-use.

Our students and professors are agents of change in a profession that advances the city. Civic leaders, for example, ask our opinions on a number of projects, from studying ways to make downtown Miami "appealing as an urban shopping center to exploring initiatives for housing immigrant communities while still respecting their native cultures."

This is a professional degree accredited by the National Architectural Accrediting Board (NAAB). This degree is available to students with or without pre-professional degrees in architecture.

Students with no previous studies in architecture follow the Professional Three-Year Track, consisting of 105 credit hours to be completed in approximately three years.

Students with an undergraduate pre-professional four-year degree in architecture follow the Professional Two-Year Track, consisting of 60 credit hours to be completed in approximately two years.

Students with a professional five-year undergraduate degree in architecture from a program accredited by the National Architectural Accrediting Board (NAAB) should

apply for the post-professional Master of Arts in Architecture degree described in a subsequent section.

NAAB Statement

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board, which is the sole agency authorized to accredit US professional degree programs in architecture, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted a six-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards.

Masters degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree that, when earned sequentially, constitute an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

THREE-YEAR TRACK – 108 Credits

A professional degree for students with a Bachelor of Arts or a Bachelor of Science, or equivalent, from an accredited institution.

Prerequisites

PHY 2053	Physics w/o Calculus	4
MAC 2147	Pre-Calculus	3
ARC 4058	Computer Applications in Architecture	3

First Year (Fall Semester)

ARC 5075	Formative Studio I	6
ARC 1461	Methods and Materials I	3
ARC 3243	Design Theories	3
ARC 2701	History of Design from Antiquity to Middle Ages	3

First Year (Spring Semester)

ARC 5076	Formative Studio 2	6
ARC 2702	History of Design from the Renaissance to the XIX Century	3
BCN 2402C	Structures I	3
BCN 4561	Environmental Controls I	4

First Year (Summer Semester)

ARC 5077	Formative Studio 3	6
BCN 4564	Environmental Controls 2	3
ARC 4783	History of Design from the XIX Century to Present	3
ARC 4553	Structural Design	4

Second Year (Fall Semester)

ARC 5361	Graduate Design 1	6
ARC 6947	Research Methods	3
ARC 5483	Innovations in Bldg Tech	3
ARC 5483L	Innovations in Bldg Tech Lab	1
Elective		3

Second Year (Spring Semester)

ARC 5362	Graduate Design 2	6
ARC 5205	Adv. Design Theories	3
ARC 5176C	Computer Practice II	3
Elective		3

Second Year (Summer Semester)

ARC 4270C	Prof. Office Practice	3
Elective		3
Elective		3

Third Year (Fall Semester)

ARC 6356	Graduate Design 3	6
ARC 6910	Thesis Seminar	3
BUL 6810	Legal Envir of Business	3
Elective		3

Third Year (Spring Semester)

ARC 6971	Thesis	6
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TWO-YEAR TRACK – 61 Credits

A professional degree for students with a 4-year pre-professional Bachelor of Arts in Architecture or Bachelor of Architectural Studies degree.

First Year (Fall Semester)

ARC 5361	Graduate Design I	6
ARC 6947	Research Methods	3
ARC 5483	Innovations in Bldg Tech	3
ARC 5483L	Innovations in Bldg Tech Lab	1
Elective		3

First Year (Spring Semester)

ARC 5362	Graduate Design II	6
ARC 5205	Adv. Design Theories	3
ARC 5176C	Computer Practice II	3
Elective		3

First Year (Summer Semester)

Elective		3
Elective		3

Second Year (Fall Semester)

ARC 6356	Graduate Design 3	6
ARC 6910	Thesis Seminar	3
BUL 6810	Legal Environment of Business	3
Elective		3

Second Year (Spring Semester)

ARC 6971	Thesis	6
Elective		3

Master of Arts in Architecture – 36 credits

Post-Professional Degree

(Not eligible for accreditation by NAAB)

The Master of Arts in Architecture is a post-professional degree for students with a 5-year professional Bachelor of Architecture degree from a program accredited by NAAB. This 36 credit hour degree prepares students who wish to conduct research, teach and undertake advanced studies in architecture and related topics.

First Year (Fall Semester)

ARC 5361	Graduate Design 1	6
ARC 6947	Research Methods	3
Elective		3

First Year (Spring Semester)

ARC 5362	Graduate Design 2	6
ARC 6910	Thesis Seminar	3
Elective		3

First Year (Summer Semester)

Elective		3
Elective		3

Second Year (Fall Semester)

ARC 6971	Thesis	6
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Master of Landscape Architecture

Post-Professional Degree

(Not eligible for accreditation by NAAB)

This course of study prepares students for research and practice while focusing on the design, planning, and management of tropical and subtropical landscapes. The unique natural and cultural environments of South Florida, tropical America, the Bahamas, and the Antilles provide firsthand experience of a wide range of landscapes; the study, enrichment, and preservation of which are emphasized through relevant course work, field trips, and service activities. The Everglades and Biscayne National Parks, Fairchild Tropical Garden, and Vizcaya Palace and Gardens are among the many regional resources readily available to students enrolled in the Program. The School of Architecture also offers study and research opportunities in cooperation with institutions in tropical America and Mediterranean Europe.

A flexible curriculum accommodates individual research interests within a rigorous academic framework. The School offers two options within the Program. The Professional Degree is intended for individuals without a degree in landscape architecture. This course of study leading to the first professional Master of Landscape Architecture degree is accredited by the Landscape Architectural Accreditation Board (LAAB), an autonomous committee of the American Society of Landscape Architects. The Post-Professional Degree Master of Arts in Landscape Architecture is intended for individuals with an undergraduate degree in landscape architecture who wish to pursue advanced study.

THREE-YEAR TRACK – 84 Credits

A professional degree for individuals with a Bachelor of Arts or a Bachelor of Science or equivalent, from an accredited institution.

Typical Curriculum

First Year (Fall Semester)

LAA 5716	History of Landscape Architecture	3
LAA 5371	Computer Practices in Landscape Architecture I	3
LAA 5652	Formative Studio	6

First Year (Spring Semester)

LAA 6541	South Florida Landscapes	3
LAA 5371	Computer Practices in Landscape Architecture 2	3
LAA 5653	Site Studio	6

First Year (Summer Semester)

LAA 6916	Research Methods	3
LAA 6382	Analysis Methods	3

Second Year (Fall Semester)

LAA 5422	Landscape Development	3
LAA 5521	Tropical Landscapes	3
LAA 6654	Community Studio	6

Second Year (Spring Semester)

LAA 5235	Theory of Landscape Architecture	3
LAA 5423	Landscape Construction	3
LAA 6655	Regional Studio	6

Second Year (Summer Semester)

Elective		3
Elective		3

Third Year (Fall Semester)

LAA 5427	Landscape Structures	3
LAA 6937	Thesis Seminar	3
LAA 6835	Urban Studio	6

Third Year (Spring Semester)

LAA 5425	Landscape Construction Documentation	3
LAA 6215	Professional Practice in Landscape Architecture	3
LAA 6971	Thesis	6

TWO-YEAR TRACK – 60 Credits

A professional degree for individuals with an undergraduate degree in planning, urban design, or architecture from an accredited program, or with a pre-professional undergraduate degree in planning, landscape architecture, urban design, or architecture. Advanced standing may be granted, not to exceed 24 credits for undergraduate courses with a grade of 3.0 or better on a 4.0 point scale.

Typical Curriculum

Typical for holders of Bachelor of Arts in Architecture or Bachelor of Design in Architectural Studies, if 24 credits of advanced standing are granted.

First Year (Fall Semester)

LAA 5716	History of Landscape Architecture	3
LAA 5521	Tropical Landscapes	3
LAA 6654	Community Studio	6

First Year (Spring Semester)

LAA 5235	Theory of Landscape Architecture	3
LAA 6541	South Florida Landscapes	3
LAA 6655	Regional Studio	6

First Year (Summer Semester)

LAA 6916	Research Methods	3
LAA 6382	Analysis Methods	3

Second Year (Fall Semester)

LAA 5422	Landscape Development	3
LAA 6937	Thesis Seminar	3
LAA 6835	Urban Studio	6

Second Year (Spring Semester)

LAA 5425	Landscape Construction Documentation	3
LAA 6215	Professional Practice in Landscape Architecture	3
LAA 6971	Thesis	6

Second Year (Summer Semester)

Elective		3
Elective		3

ONE-YEAR TRACK – 36 Credits

A professional degree for individuals with a graduate degree in planning, urban design, or architecture from an accredited professional program. Advanced standing may be granted, not to exceed 48 credits for graduate courses with a grade of 3.0 or better on a 4.0 point scale. Satisfactory completion of 36 credits in the following course of study is required.

Thesis and concentration	36
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Master of Arts in Landscape Architecture

Post-Professional Degree

(Not eligible for accreditation by LAAB)

A post-professional degree for individuals with a Bachelor of Landscape Architecture from a program accredited by

LAAB. Two years of full-time study in residency are normally required. Satisfactory completion of 60 credits in the following course of study is required.

Studio	18
Thesis and concentration	42

Certificate in Landscape Architecture

The School of Architecture has identified a significant need for balance amongst our academic programs and a corresponding need for variable options for our graduate student body. The certificate will require 18 semester credit hours chosen from the following course areas: History of Landscape Architecture, South Florida Landscapes, Landscape Development, Tropical Landscapes, Landscape Construction, Theory of Landscape Architecture, Landscape Structures, and Landscape Construction Documentation.

While this option is most accessible to students currently enrolled in the School of Architecture, motivated graduate students in related areas of study throughout the university are permitted to pursue this certificate. This program is largely a value-added certificate, for architecture graduate students within the School of Architecture and related fields such as Environmental Science and Biological Sciences who would like to seek to expand their academic experience.

Certificate Requirements

Participants must fulfill the requirements outlined for the Certificate in Landscape Architecture and complete each course with a satisfactory grade.

Program Requirements

LAA 5716	History of Landscape Architecture
LAA 5541	South Florida Landscapes
LAA 5422	Landscape Development
LAA 6521	Tropical Landscapes
LAA 5423	Landscape Construction
LAA 5235	Theory of Landscape Architecture
LAA 5427	Landscape Structures
LAA 5425	Landscape Construction Documentation

Certificate in History and Theory of Architecture

The School of Architecture has identified a need to offer students a diversity of areas of study within the Design Fields and to reinforce the academic foundation of the school. We request to offer a Certificate program in History and Theory of Architecture for graduate students. The certificate will require 18 semester hours and will offer courses in History and Theory of Architecture, Landscape Architecture, and Design. This certificate program may also attract students from the College of Arts and Sciences in areas such as History, Art History, Cultural Studies and Philosophy.

This program is for students currently enrolled in the School of Architecture Graduate Program in Architecture, however motivated students in related areas of study throughout the university would be permitted to pursue this certificate. Up to six course credits in departments other than architecture may be included as approved by the graduate advisor.

Certificate Requirements

Participants must fulfill the requirements outlined for the certificate in history and theory of architecture and complete each course with a satisfactory grade.

Program Requirements

ARC 5035	Film and the Architecture of Modern Life
ARC 5205	Advanced Design Theories
ARC 5396	Case Studies in Architecture
ARC 5750	Architectural History of the Americas
ARC 5786	Urbanism: Social History of the Built Form
ARC 5803	Preservation Architecture: Issues and Practices
ARC 5933	Special Topics in Architecture
ARC 5xxx	Videospace
ARC 5xxx	Gender and Architecture
ARC 5xxx	Urban Architecture
ARC 6947	Graduate Research Methods
ARC 6xxx	Landscape of Architecture
LAA 5235	Theory of Landscape Architecture
LAA 5243	Regional Landscape Issues
LAA 5715	History and Theory of Architecture
LAA 5716	History of Landscape Architecture

Graduate Certificate in Furniture Design

The Interior Design Program has identified a significant need for furniture design education in South Florida. Students enrolled in this program will earn a Professional Certificate in Furniture Design. The program's goal is to produce furniture designers who understand and create new pieces of furniture for commercial and residential purposes. Our objective is to focus students' design development on critical issues associated with the design of furniture pieces. Extending design education within the interior design curriculum, this program seeks to develop students' skills, knowledge, and critical thinking about the design, making, and marketing of furniture products for industry, retail, and gallery markets.

The eighteen (18) graduate credit hour program is divided into two types of courses. Studio courses employ active-learning strategies in the design and construction of furniture pieces. The other group of courses concentrates student learning on subject area issues through seminars and on line learning. The studio course content ranges from a general introductory design to a subsequent specialized studio focusing on design with particular materials or issues. Subject area courses round out and augment the work done in studio by concentrating student learning in areas that strengthen their ability to be critical designers. These courses include a History/Theory course, and Professional Practice/Entrepreneurship course. Study abroad options will also be developed with the Program in Genoa as the certificate program matures.

Targeted to students and design professionals, this program is largely a value added certificate for people seeking to augment their existing design experience, and who wish to extend their education either through certificate, or eventually to a Masters degree in Interior Design or Architecture. The Furniture Design Certificate would award graduate credit and would be open to students who possess a minimum of an Associate of Arts degree in a design related field. The application process would involve the review of portfolio materials and/or transcripts from higher education institutions.

Program Requirements

Studio Courses

IND 5xxxC	Introduction to Furniture Design	6
IND 5xxxC	Advanced Furniture Design	6

Subject Area Courses

IND 5xxx	History of 21st Century Furniture Design	3
IND 5xxx	Professional Practice and Entrepreneurship in Furniture Design	3

Awards and Scholarships

The following scholarships and awards are presented to students fully admitted to the Graduate Program in Landscape Architecture who have demonstrated outstanding achievements in their studies.

American Society of Landscape Architects Awards. On nomination by the Program faculty, the American Society of Landscape Architects awards a Certificate of Honor and a Certificate of Merit to the two students who have demonstrated a high degree of academic scholarship and of accomplishments in skills related to the art and technology of landscape architecture.

Sigma Lambda Alpha Honor Society. Each year, upon nomination by the Program faculty, the Alpha Chi Chapter of the Sigma Lambda Alpha Honor Society inducts the outstanding students in the Program.

The Ernest and Virginia Makemson Memorial Endowed Scholarship Fund. This fund provides support for students who have demonstrated interest and experience in restoring and preserving Florida's natural and cultural environment through the practice of landscape architecture.

Course Descriptions

Definition of Prefixes

ARC-Architecture; IND-Interior Design; LAA-Landscape Architecture

F-Fall semester offering; S-Spring semester offering; SS-Summer semester offering.

ARC 5035 Film and the Architecture of Modern Life (3). Critical overview of social and spatial implications of film on architecture and design over the course of the 20th century.

ARC 5036 Miami in Film (3). How the natural and built environment of South Florida is portrayed in films.

ARC 5037 Architecture and Video Media (3). This course will examine intersections between architecture and video media from critical historical and contemporary perspectives.

ARC 5075 Formative Studio (6). Introduction to concept development, spatial expression, and representational techniques in architecture. (F)

ARC 5076 Formative Studio 2 (6). A continuation of Architectural Design investigations begun in Formative Studio. Prerequisite: ARC 5075. (S)

ARC 5077 Formative Studio 3 (6). An Architectural Design Studio that builds upon concepts and approaches presented in Formative Studio and Formative Studio 2. Prerequisite: ARC 5076. (SS)

ARC 5175 3D Computer Modeling in Architecture (3). This advanced course will explore computer modeling in Architecture. Prerequisite: Program approval.

ARC 5176C Computer Practices in Design II (3). Advanced study in concepts, issues and methods in computer-aided architectural design. Prerequisites: ARC 4058 or equivalent.

ARC 5177 Computer Rendering in Architecture (3). This advanced course will explore 3D rendering in Architecture. Prerequisite: Program approval.

ARC 5184 Architecture and the Virtual Environment (3). Implementation of virtual reality technology in architectural representations of existing and proposed built environments for presentation and design research. Prerequisites: ARC 4173, ARC 4174.

ARC 5186 Interactive Media (3). Presentation of digital images through an interactive and animated interface online or offline, as well as exploration of ideologies of interactive media.

ARC 5189 Visual Effects (3). Introduction of digital video and audio post-production techniques that add sound, text and visual effects to animations, as well as exploration of ideologies of digital animation.

ARC 5193 Design Presentation Graphics (3). Exploration of design presentation techniques and portfolio design through the use of digital photography, digital illustration, desk top publishing and web page.

ARC 5205 Advanced Design Theories (3). This seminar analyzes western and non-western examples of critical ideology through the investigation of key historical moments and current architectural theory and practice. (S)

ARC 5361 Graduate Design 1 (6). Exploration of highly articulated projects of small scale utilizing innovative research methods to strengthen and clarify design concepts taken to a detailed resolution. Corequisite: ARC 5483. (F)

ARC 5362 Graduate Design 2 (6). This course explores architectural projects of medium to large scale applying innovative building technologies to a highly resolved spatial organization. Prerequisites: Graduate standing and ARC 5316. (S)

ARC 5396 Case Studies in Architecture (3). The course explores the vast array of decisions that create the architectural experience of outstanding built works.

ARC 5483 Innovations in Building Technology (3). Experimental approach to new materials and methods applicable to the field of construction. Prerequisite: Permission of the instructor. Corequisite: ARC 5361. (F)

ARC 5483L Innovations in Building Technology Lab (1). Field and laboratory exercises in the evaluation of technical support assemblies for buildings. Corequisite: ARC 5361.

ARC 5745 Urban Architecture and the 20th Century (3). The course will examine debates on urban architecture surrounding the rise of Modernism in the 1920s and will follow those lines of thought into current discussions of architectural design in cities.

ARC 5750 Architectural History of the Americas (3). Historical analysis of the development of built forms and styles in tropical and subtropical Americas, investigating its socio-political and artistic context. Prerequisite: Permission of the instructor.

ARC 5786 Urbanism: Social History of the Built Form (3). This course introduces students to historical analysis, theories, techniques and aesthetics as they relate to urban design.

ARC 5803 Preservation Architecture: Issues and Practices (3). This course explores issues and practices of architectural preservation as an integral concern of architecture.

ARC 5905 Solar Decathlon (1). Research based course to develop the architectural and engineering concepts for the solar decathlon house.

ARC 5933 Special Topics (1-6). Coursework on a particular aspect of architecture under the direction of faculty in a classroom format. Prerequisite: Program approval.

ARC 5938 Special Topics Design Studio (6). An architectural design studio based on a particular aspect of architectural design and relevant ideologies under the direction of appropriate faculty.

ARC 5XXX Legal Aspects of Design Practice (3). Special obligations and privileges of a design professional, common contract forms, issues of liability, copyright, insurances and general organization and supervision. Ethics and legal responsibilities.

ARC 5XXX Building Systems (3). Conceptual framework for design of building assemblies, understanding of construction technologies and properties of building materials. Building systems and pre engineered components are presented and analyzed.

ARC 5XXX Site Development in Architecture (3). Issues, controls and methods pertinent to the physiographic, topographical, and cultural determinants of site design in architecture.

ARC 5XXX Environmental Systems in Architecture (3). Development of an understanding of environmentally sensitive design. Climate and region as a major determinant of building design; sustainability, energy conservation, passive solar design, daylight and natural ventilation will be examined.

ARC 5XXX Alternative Studio (6). Topical studies in architecture, on issues of current interest, with the participation of visiting lecturers, or abroad. (SS)

ARC 6296 Professional Development (3). In-depth exploration of current legal, administrative and financial aspects of architectural practice.

ARC 6356 Graduate Design 3 (6). Architectural project emphasizing design development preparation of details and design documents for buildings of intermediate complexity. (F)

ARC 6906 Independent Study (1-6). Coursework on a particular aspect of Architecture under the direction of faculty in an individual study format. Prerequisite: Program approval.

ARC 6910 Thesis Seminar (3). Coursework under the direction of faculty in preparation for a Master's of Architecture research and design thesis. Prerequisite: ARC 6947.

ARC 6947 Research Methods (3). Methods of data acquisition, analysis, and interpretation used in architecture research.

ARC 6971 Thesis (1-6). Coursework under the direction of faculty for the completion of a research or design thesis by candidate for the degree of Master of Architecture. Prerequisite: ARC 6910.

IND 5XXX History of 21st Century Furniture Design (3). Students will research and analyze the social, political, technical economic and theoretical forces that contribute to new movements in late 20th century and early 21st century furniture design.

IND 5XXX Professional Practice and Entrepreneurship in Furniture Design (3). Learn about industry standards and entrepreneurial strategies that successful designers and furniture companies use when bringing new designs to different markets.

IND 5XXX Special Topics Design Studio (6). An interior design studio based on a particular aspect of interior design and relevant ideologies under the direction of appropriate faculty.

IND 5XXXC Advanced Furniture Design (6). Research, analyze and design furniture using wood, metals and plastics. Instruction will include advanced technical skills and emphasis on qualitative and conceptual aspects of design.

IND 5XXXC Furniture Design (6). Providing a general overview of furniture design process, this design/build studio course teaches students about ergonomics, scale, space, structure and materiality related to furniture design.

LAA 5233 Theory of Planting Design (3). Study of principles and methods related to the ecological, functional, and aesthetic use of vegetation in landscape architecture. Prerequisite: Program approval. (SS)

LAA 5235 Theory of Landscape Architecture (3). Critical review of the environmental parameters, morphological concepts and ideological principles that generate form and meaning in landscape architecture. Prerequisite: LAA 5716. (S)

LAA 5243 Regional Landscape Issues (3). Exploration of the landscape as cultural construct of social, economic, and scientific values relevant to regional issues of land use and management. Prerequisite: Program approval. (SS)

LAA 5371 Computer Practices in Landscape Architecture (3). Computer applications of graphics, modeling, and animation techniques used in landscape architecture. Prerequisite: Program approval. (S)

LAA 5374 Introduction to Computer Practices in Landscape Architecture (3). Computer application of drafting and design techniques used in landscape architecture. Prerequisite: Program approval. (F)

LAA 5378 GIS Applications in Landscape Modeling (3). Introduction to modeling capabilities of GIS in the environmental planning process addressing the natural and cultural characteristics of the landscape. Prerequisite: Program Approval. (SS)

LAA 5422 Landscape Development (3). Technical aspects of the design and specification of earthwork,

including materials, products, and methods of installation used in landscape development. Prerequisite: LAA 5371. (F)

LAA 5423 Landscape Construction (3). Technical aspects of the design and specification of sitework, including materials, products, and methods of installation used in landscape construction. Prerequisite: LAA 5422. (S)

LAA 5425 Landscape Construction Documentation (3). Production of landscape construction documents, including drawings and project manual with bidding documents, contract documents and technical specifications on the computer. Prerequisite: LAA 5423. (S)

LAA 5427 Landscape Structures (3). Production of Landscape construction details for structures and systems used in landscape architecture. Prerequisite: LAA 5423. (F)

LAA 5540 Landscape Horticulture (3). Overview of horticultural management practices related to the growth, transport, installation, and maintenance of vegetative materials used in landscape architecture. Prerequisite: Program approval. (SS)

LAA 5541 South Florida Landscapes (3). Study of structure, function, and change in the natural and cultural landscapes of tropical and subtropical Florida. Prerequisite: Program approval. (S)

LAA 5652 Formative Studio (6). Introduction to concept development, spatial expression, and representational techniques in landscape architecture. Prerequisite: Program approval. (F)

LAA 5653 Site Studio (6). Application of landscape architecture principles and methods to site design in tropical and subtropical contexts. Prerequisite: LAA 5652. (S)

LAA 5715 History and Theory of Architecture (3). Overview of the history and theory of architecture and urban design from antiquity to the present. Prerequisite: Program approval. (SS)

LAA 5716 History of Landscape Architecture (3). Historical survey of the principal sites and traditions manifested in the evolution of landscape architecture and urban design from antiquity to the present. Prerequisite: Program approval. (F)

LAA 5905C Special Topics Design Studio (6). A landscape architectural design studio based on a particular aspect of landscape architectural design and relevant ideologies under the direction of appropriate faculty. Prerequisite: Program Approval.

LAA 6215 Professional Practice in Landscape Architecture (3). Study of the ethical, legal, financial, and managerial aspects of professional practice in landscape architecture. Prerequisite: Program approval. (S)

LAA 6222 Communications in Landscape Architecture (3). Methods of verbal and graphic presentations, workshops, and publications used in landscape architecture. Prerequisite: Program approval. (SS)

LAA 6245 Theory of Urban Design (3). Critical review of the principal theories of urbanism that have influenced the fabric and image of the city in Western history. Prerequisites: LAA 5235 and LAA 5716. (SS)

LAA 6246 Typology of Landscape Architecture (3). Critical examination of the origin, development and transformation of form and meaning in modern and postmodern landscape architecture and urban design. Prerequisites: LAA 5235 and LAA 5716. (SS)

LAA 6247 Modern Landscape Architecture (3). Critical review of the origins and development of modern and post modern expressions in landscape architecture. Prerequisites: LAA 5235 and LAA 5716. (SS)

LAA 6342 Landscape Aesthetics (3). Critical review of the assessment models used to evaluate the aesthetic quality of the landscape. Prerequisites: LAA 5235 and LAA 5716. (SS)

LAA 6373 Sound in Landscape Architecture (3). An examination of the ecological, acoustic, aesthetic, and historical aspects of the sonic environment. Prerequisites: LAA 5235 and LAA 5716. (SS)

LAA 6382 Analysis Methods (3). Theories and methods of the organization, analysis, and interpretation of cartographic data using geographic information systems. Prerequisite: Program approval. (SS)

LAA 6521 Tropical Landscapes (3). Study of the structure, function, and change in the natural and cultural landscapes of tropical and subtropical regions. Prerequisite: Program approval. (F)

LAA 6551 Sustainable Landscapes (3). Study of the principles that sustain a balance between natural resources and human aspirations in the landscapes of tropical and subtropical regions. Prerequisite: LAA 6541. (SS)

LAA 6654 Community Studio (6). Application of landscape architecture principles and methods to community planning and design in tropical and subtropical contexts. Prerequisite: LAA 5653. (F)

LAA 6655 Regional Studio (6). Application of landscape architecture principles and methods to regional management, planning, and design in tropical and subtropical contexts. Prerequisite: LAA 6654. (S)

LAA 6745 Preservation of Landscape Architecture (3). Critical examination of the formation and preservation of historic sites with emphasis on interpretation, analysis and evaluation of cultural landscapes and urban places. Prerequisites: LAA 5235 and LAA 5716. (SS)

LAA 6835 Urban Studio (6). Application of interdisciplinary principles and methods to urban planning and design in tropical and subtropical contexts. Prerequisite: LAA 6655. (F)

LAA 6905 Independent Study (1-6). Coursework on a particular aspect of landscape architecture under the direction of faculty in an individual study format. Prerequisite: Program approval. (F,S)

LAA 6916 Research Methods (3). Methods of data acquisition, analysis, and interpretation used in landscape architecture research. Prerequisite: Program approval. (SS)

LAA 6936 Special Topics (1-3). Coursework on a particular aspect of landscape architecture under the direction of faculty in a classroom format. Prerequisite: Program approval. (F,S,SS)

LAA 6937 Thesis Seminar (3). Coursework under the direction of faculty in preparation for a Master of Landscape Architecture research or design thesis. Prerequisites: LAA 6382, LAA 6916. (F)

LAA 6971 Thesis (1-6). Coursework under the direction of faculty for the completion of a research or design thesis by candidate for the degree Master of Landscape Architecture. Prerequisite: LAA 6937 (Thesis Seminar). (S)