

# ARCHITECTURE

A student's creativity and individuality are rewarded in the School of Architecture's studio-based learning experience. Students benefit from the close student-to-teacher ratios and a true interdisciplinary learning environment.

## About this Program

- **College:** Design, Construction and Planning
- **Degree:** Bachelor of Design | *B.Des.*, a preprofessional degree
- **Credits for Degree:** 120
- **Additional Information**

To graduate with this major, students must complete all university, college, and major requirements.

Many students supplement their education with study-abroad and off-site learning opportunities in Vicenza, Asia, Mexico, Nantucket and more. An extensive library, modern computer labs, woodshop, 3D fabrication lab and beautiful college environment facilitate creativity. Students regularly exhibit their models and drawings in the college's gallery.

The studio sequence progressively and thoroughly explores various formal, conceptual and technical considerations and how they interrelate in the creation of space. The ideas and experience that students gain in design studio are reinforced and amplified by support courses in history, theory, structural tectonics, building technology and construction materials and methods.

Field trips to broaden and expand students' educational experience are required and will be paid for by students. Students may also be required to attend state and national professional meetings.

The School of Architecture's preprofessional Bachelor of Design program prepares students for graduate school studies toward the accredited two-year Master of Architecture degree or for jobs in private practice.

## National Architectural Accrediting Board

Most states require architects to hold accredited degrees. Two types of degrees accredited by the National Architectural Accrediting Board (NAAB) are the Bachelor of Architecture (5 years) and the Master of Architecture (1, 2 or 3 years depending on institution). Both degrees are structured for registration and licensure. UF's four-year preprofessional degree is not accredited by the NAAB; the two-year Master of Architecture degree is an accredited degree.

### Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites may be used for transfer students.

## Semester 1

- Complete DCP 1003 in Semester 1 or 2 <sup>1</sup>
- Complete ARC 1301 and ARC 1701
- 2.75 UF GPA required

## Semester 2

- Complete DCP 1003, if not completed in Semester 1 <sup>1</sup>
- Complete ARC 1302 and ARC 1702
- 2.75 UF GPA required

## Semester 3

- Complete ARC 2180, ARC 2201, ARC 2303
- Complete MAC 1147 or PHY 2053
- 2.75 UF GPA required

## Semester 4

- Complete ARC 2304 and ARC 2461
- Complete MAC 1147 and PHY 2053
- Complete pin-up requirement
- 2.75 UF GPA required

## Semester 5

- Complete ARC 3320, ARC 3503 and ARC 3743

<sup>1</sup> Summer transfer students should complete DCP 1003 by Semester 4.

### Model Semester Plan

Students are required to complete IUF 1000 What is the Good Life (GE-H) in semester 1 or 2.

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

*This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.*

Course	Title	Credits
<b>Semester One</b>		
ARC 1301	Architectural Design 1 ( <b>Critical Tracking</b> )	4
ARC 1701	Architectural History 1 ( <b>Critical Tracking</b> ; Gen Ed Humanities and International)	3
DCP 1003	Creating our Built Environment ( <b>Critical Tracking</b> )	1
Gen Ed Mathematics		3
State Core Gen Ed Social and Behavioral Sciences		3
	Credits	14
<b>Semester Two</b>		
ARC 1302	Architectural Design 2 ( <b>Critical Tracking</b> )	4
ARC 1702	Architectural History 2 ( <b>Critical Tracking</b> ; Gen Ed Humanities and International)	3
IUF 1000	What is the Good Life (Gen Ed Humanities)	3
Gen Ed Biological or Physical Sciences		3
Gen Ed Composition; Writing Requirement		3
	Credits	16
<b>Semester Three</b>		
ARC 2180	Introduction to Digital Architecture ( <b>Critical Tracking</b> )	3
ARC 2201	Theory of Architecture 1 ( <b>Critical Tracking</b> ; Gen Ed Humanities)	3
ARC 2303	Architectural Design 3 ( <b>Critical Tracking</b> )	5

MAC 1147	Precalculus Algebra and Trigonometry ( <b>Critical Tracking</b> ; State Core Gen Ed Mathematics) <sup>1</sup>	4
Credits		15
<b>Semester Four</b>		
ARC 2304	Architectural Design 4 ( <b>Critical Tracking</b> )	5
ARC 2461	Materials and Methods of Construction 1 ( <b>Critical Tracking</b> )	3
PHY 2053	Physics 1 ( <b>Critical Tracking</b> ; State Core Gen Ed Physical Sciences) <sup>1</sup>	4
Gen Ed Social and Behavioral Sciences		3
Credits		15
<b>Semester Five</b>		
ARC 3320	Architectural Design 5 ( <b>Critical Tracking</b> )	6
ARC 3503	Introduction to Architectural Structures ( <b>Critical Tracking</b> )	3
ARC 3743	Architectural History 3 ( <b>Critical Tracking</b> )	3
State Core Gen Ed Composition; Writing Requirement		3
Credits		15
<b>Semester Six</b>		
ARC 3181 or ARC 4310C	Advanced Topics in Digital Architecture <sup>2</sup> or Building Information Modeling	3
ARC 3321	Architectural Design 6	6
ARC 3610	Environmental Technology 1	3
State Core Gen Ed Humanities		3
Credits		15
<b>Semester Seven</b>		
ARC 4220	Architectural Theory 2	3
ARC 4322	Architectural Design 7	6
ARC 4620	Environmental Technology 2	3
Elective <sup>3</sup>		3
Credits		15
<b>Semester Eight</b>		
Select one:		3
ARC 3181	Advanced Topics in Digital Architecture <sup>2</sup>	
ARC 4310C	Building Information Modeling <sup>2</sup>	
Elective <sup>3</sup>		
ARC 3463	Materials and Methods of Construction 2	3
ARC 4323	Architectural Design 8	6
Elective <sup>3</sup>		3
Credits		15
Total Credits		120

<sup>1</sup> The School of Architecture requires students to complete MAC 1147 and PHY 2053 before semester 5. Due to the rigorous nature of design studio, students should complete these courses during the summer semesters. MAC 2233 is recommended before graduating because of the admissions requirements of some graduate programs.

<sup>2</sup> The School of Architecture requires students to complete ARC 3181 or ARC 4310C before graduating, in semester 6 or 8. Students should try to complete both courses.

<sup>3</sup> Any 3000-level or higher academic course, any 1000-level or higher foreign language where the student is not a native speaker and where the course is taken at an SUS institution, or any course sequence toward a minor.

*This program is limited access. At the end of semester 4, students will be selected according to a competitive ranking of all applicants by overall GPA, architectural GPA and faculty evaluation of design quality in the annual pin-up exhibits.*

## Academic Learning Compact

The Bachelor of Design requires students to demonstrate and to understand the creative design process and associated skills as they relate to problem solving and spatial organization. Students will develop skills in spatial design, graphic communication, materials, technology and environmental issues. Programs analyze existing and projected examples of build form, define fundamental principles and knowledge of the discipline, develop students' skills in the formation and projection of spatial experience and relate creativity to cultural and physical environment.

## Before Graduating Students Must

- Follow and achieve national accreditation (NAAB) guidelines for terminal project and portfolio assessments.
- Receive acceptable review and assessment of studio work from faculty, industry professionals and peers.
- Complete requirements for the baccalaureate degree, as determined by faculty.

## Students in the Major Will Learn to

### Student Learning Outcomes (SLOs)

#### Content

1. Implement a creative and synthetic design process to produce unique and appropriate architectural proposals.
2. Create presentations utilizing appropriate disciplinary vocabulary and graphic skills that support design methodologies.
3. Acquire, interpret and analyze information as the basis for design proposals.

#### Critical Thinking

4. Communicate about the discipline to a variety of audiences using a variety of formats and approaches.
5. Acquire skills in drawing, electronic imaging, materials and environmental issues.

#### Communication

6. Create conceptually clear and expressive design proposals based on appropriate prioritization of issues, thoughtful analysis of project parameters and critical reflection of schematic ideas.
7. Produce designs built upon the relationship between human behavior and perception in relation to the built environment.

## Curriculum Map

*I = Introduced; R = Reinforced; A = Assessed*

Courses	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6	SLO 7
ARC 3181					I	R	R
ARC 3321	R, A	R, A	R, A	R, A	R, A	R, A	R, A
ARC 3321	R, A	I, R, A	R, A	R, A	R, A	R, A	R, A
ARC 3463					R	R	R
ARC 3503				R	R		R
ARC 3610	I				I		I
ARC 3743						R	R
ARC 4220	R				R	R	R
ARC 4322	R, A	R, A	R, A	R, A	R, A	R, A	R, A
ARC 4323	I, R, A	R, A	R, A	R, A	R, A	R, A	R, A
ARC 4620	R	R					R

## Assessment Types

- Projects
  - Design studio juries
  - Semester studio curriculum reviews
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