

School of Architecture

ADMINISTRATIVE OFFICER

Ikhlas Sabouni, *Dean, Architecture*

ADMINISTRATIVE STAFF

Marshall Brown, *Associate Dean*

Matthew Carroll, *Coordinator, Construction Science*

James Griffin, *Coordinator, Community Development*

Barry Norwood, *Coordinator, Pre-professional Program-Architecture*

Clarence Talley, *Coordinator, Art*

Peter Wood, *Coordinator, Professional Program-Architecture*

Nicole Bradford, *Director, Community Urban and Rural Enhancement Service*

Louis Williams, *Director, Texas Institute for the Preservation of History and Culture*

FACULTY

Caryl Abrahams, *Community Development*

Rick Baldwin, *Community Development*

Bruce Bockhorn, *Architecture*

Harold S. Dorsey, *Art*

Richard Ferrier, *Architecture*

Gail Hook, *Architecture*

Brad McCorkle, *Architecture*

Ben McMillan, *Architecture*

Barry Norwood, *Architecture*

Veronica Rossini, *Architecture*

Michael Rotondi, *Architecture*

Yunsik Song, *Architecture*

Major Stewart, *CAD*

PURPOSE AND GOALS

School of Architecture

From building communities to building shelter, the School of Architecture programs combine to fulfill the responsibilities to teaching, research and service and to the missions of the State of Texas and Prairie View A&M University by being proactively involved with the development and nurturing of problem solving solutions to address the needs of our society. Graduates of the School of Architecture will participate in the contemporary milieu, encourage and anticipate change, and respond to change in the local, national and international communities.

Architecture Programs

The architecture programs are dedicated to preparing students to play a leadership role in rebuilding America's cities and improving the quality of the built environment. By offering a diverse curriculum led by an accomplished faculty in a computer and studio intensive environment, the architecture programs will educate students for significant roles as practitioners and leaders in architecture, planning and construction. Students majoring in architecture will be challenged to develop their abilities in problem solving, creative thinking and informed decision making as a focus of their professional education. They will accomplish this in a nurturing and in a student centered environment that fosters personal development and professional excellence.

Bachelor of Science Program

The Bachelor of Science (or pre-professional program) provides the common ground for studies in architecture. It is intended to cover the basic content of the preparation of an educated architect and to lead to professional studies at the graduate level.

Master of Architecture Professional Program

The Master of Architecture (professional program) prepares students for roles in the profession of architecture by building on the content of the pre-professional degree through intensive and focused advanced studies in the field of architecture practice and design. Additional information on the Master of Architecture Professional Program is contained in the Graduate Catalog.

The School of Architecture offers the Bachelor of Science in Architecture degree and the one-year, Master of Architecture professional degree, the Bachelor of Science in Construction Science degree and the Master of Community Development degree. The Bachelor of Science in Architecture degree is a pre-professional degree with two tracks: Program A, the professional track, leads directly to enrollment in the Master of Architecture professional degree. Program B, the non-professional track, provides a basic education in architecture with the opportunity to study a broad range of elective opportunities. The Master of Architecture degree is accredited by the National Architectural Accrediting Board (NAAB).

For qualified entering freshmen and transfer students, the School of Architecture offers the Architectural Concepts Institute (ACI), a special summer program described in the catalog section, “Summer and International Enrichment Programs.”

Accreditation

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 US professional degree programs in architecture, recognizes two types of degrees: the Bachelor of Architecture and the Master 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, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree. (NAAB, 2002)

INSTRUCTIONAL ORGANIZATION

The School of Architecture is organized for instructional purposes into the following programs.

Programs

Degree Offered

Architecture

Bachelor of Science (B.S.)

Construction Science

Bachelor of Science (B.S.)

Art Minor

The Art Department serves as the cultural arm of the University. Our goal is to prepare students for the production, study, critiquing, and teaching of the Arts. Course work is designed to stimulate a greater awareness of the visual arts both past and present. Exhibitions and guest lecturers serve to give students a deeper understanding of Art and its influence on everyday life. Teaching, scholarship, and service are the hallmark of the Department

The faculty of the School of Architecture believes that studies in the fine arts and art history are valuable to the liberal and professional education of all students.

A number of courses and the Minor in Art are offered to the university community as opportunities to learn some of the basics of art or to develop an area of special ability by completing the requirements for the minor. Students wishing to participate in art classes or the Minor in Art are urged to meet with the appropriate faculty and administrators of the program to develop a curriculum designed to suit their needs.

Requirements for Art as a Minor Field **21 SCH**
ARTS 1203, 1113, 1153, 3113, 3143, and six hours of Art electives chosen from the
3000 or 4000 level art courses

HONOR SOCIETIES, CLUBS, AND SERVICE ORGANIZATIONS

Student organizations play an important role in the socialization of students and in helping students develop skills in leadership and service. All students are encouraged to become active members in the appropriate organizations sponsored by the School of Architecture.

The Prairie View Chapter of the American Institute of Architecture Students (AIAS) is the local membership organization of the national student organization.

The student chapter of the Construction Specifications Institute is the affiliate of the Houston Chapter, CSI and represents students interested in the building and construction industry.

The student chapter of the National Organization of Minority Architecture Students (NOMAS) represents a special interest of the students.

The student chapter of Women in Architecture provides a special opportunity for women students majoring in architecture.

The Tau Sigma Delta Honor Society for Architecture and Allied Arts of Design is a national honor society founded to develop scholarship, leadership, and character among the students of the architecture program.

ADMISSION REQUIREMENTS

All applicants must meet the admission requirements of the university.

Beginning students who feel their admission to the university would be enhanced by presenting examples of creative work are encouraged to submit copies of such work directly to the School of Architecture. Submit examples only in an 8½” x 11” format with name and address clearly displayed. Submit only copies of work, not originals and, if you wish the copies returned, include a self-addressed, postage included envelope with your submission.

Transfer Students

Transfer students from accredited architecture programs will have all credits accepted by the university also accepted by the School of Architecture. Transfer students should contact the School of Architecture for information regarding appropriate placement within the curriculum. Transfer students with non-architectural education backgrounds should contact the school to see if they might participate in an intensive summer study program that would allow them to advance through the architecture requirements with a compressed time schedule.

ADMISSION TO THE PROFESSIONAL PROGRAM

During the Spring Semester of the Third or Junior Year of study, students wishing to pursue the professional degree in architecture will make formal application to that program. Admission will be determined by grade point – overall and in architecture, a review of the student portfolio of work and faculty recommendations. Students admitted to the professional program will complete the Program A - Professional Track in their Senior Year and, in the Spring Semester, apply for admission into the Master of Architecture professional degree program.

Students not accepted into the professional program or those wishing to terminate their architecture education with the Bachelor of Science, non-professional degree, will take a set of prescribed courses in their Senior Year along with a number of free electives. These students may, during the Spring Semester of their Senior Year, reapply for acceptance into the Professional Program in Architecture.

ACADEMIC STANDARDS AND ACADEMIC PROGRESS

To earn credit for a course in architecture and to qualify for the next course in a sequence, a student must have earned a C or better. To repeat a course in architecture more than once, students must have permission of the Dean.

All student projects become the property of the School of Architecture and the School has the right to retain examples of student work for display and other purposes.

BACHELOR OF SCIENCE IN ARCHITECTURE DEGREE PROGRAM REQUIREMENTS

Core Curriculum 42 SCH
All Architecture Core Curriculum requirements are shown in the suggested degree program.

Major Requirements – Program A: Professional Track..... 79 SCH
ARCH 1233, 1266, 2223, 2243, 2256, 2266, 2273, 3256, 3266, 3283, 3294, 3453, 3463, 4433, 4443, 4456, 4476, 4483, 4503

Electives 9 SCH

Total Degree Requirements 130 SCH

Major Requirements – Program B: Non-Professional Track..... 67 SCH
ARCH 1233, 1266, 2223, 2243, 2256, 2266, 2273, 3256, 3266, 3283, 3294, 3453, 3463, 4433, 4443, 4483, 4503

Electives 21 SCH

Total Degree Requirements 130 SCH

Architecture Electives

ARCH 2693 Theory and Method in Architecture
ARCH 3013 Construction Estimating
ARCH 3563 Site and Urban Design
ARCH 3643 Presentation Techniques
ARCH 4063 Project Planning and Feasibility
ARCH 4406 Architectural Internship
ARCH 4423 Urban Planning
ARCH 4523 Historic Preservation and Adaptive Reuse
ARCH 4613 Landscape Architecture
ARCH 4653 Alternative Energy Design
ARCH 4673 Introduction to Interior Design

ARCH 4733 Advanced Computer Aided Design
 ARCH 4776 Urban Design Studio
 ARCH 4973, 4976 Special Topics
 ARCH 4993, 4996 Independent Study

ARCHITECTURE SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARCH 1233 Visual Communications	3	ARCH 1266 Architecture Design II	6
ARCH 1253 Architecture Design I	3	ENGL 1133 Freshman Composition II	3
ARCH 1273 Intro. to Multimedia Computing	3	HIST 1313 The U.S. to 1876	3
SPCH 1003 Fund. of Speech Communication	3	POSC 1113 American Government I	3
MATH 1123 Trigonometry	3	ARCH 2223 Computer Aided Design	3
ENGL 1123 Freshman Composition I	3		
<i>Total</i>	<i>18</i>	<i>Total</i>	<i>18</i>

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARCH 2233 History and Theory of Arch I	3	ARCH 2243 History and Theory of Arch II	3
ARCH 2256 Architecture Design III	6	ARCH 2266 Architecture Design IV	6
PHYS 2113 General Physics	3	ARCH 2273 Materials and Methods I	3
POSC 1123 American Government II	3	HIST 1323 The U.S. 1876 to Present	3
		Natural Science	3
<i>Total</i>	<i>15</i>	<i>Total</i>	<i>18</i>

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARCH 3256 Architecture Design V	6	ARCH 3266 Architecture Design VI	6
ARCH 3294 Structural Systems I	4	ARCH 3463 Environmental Systems II	3
ARCH 3453 Environmental Systems I	3	ARCH 4433 Structural Systems II	3
ARCH 3283 Material and Methods II	3	Social and Behavioral Science	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>15</i>

SENIOR YEAR - Program A: Professional Track

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARCH 4456 Architecture Design VII	6	ARCH 4476 Architecture Design VIII	6
ARCH 4483 Structural Systems III	3	ARCH 4503 Methods of Research	3
ARCH 4443 CAD Constr. Docs and Codes	3	Electives	6
Elective	3		
<i>Total</i>	<i>15</i>	<i>Total</i>	<i>15</i>

SENIOR YEAR - Program B: Non-Professional Track

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
ARCH 4483	Structural Systems III	3	ARCH 4503	Methods of Research	3
ARCH 4443	CAD Constr. Docs and Codes	3		Electives	12
	Electives	9			
<i>Total</i>		<i>15</i>	<i>Total</i>		<i>15</i>

BACHELOR OF SCIENCE IN CONSTRUCTION SCIENCE DEGREE PROGRAM

The mission of the Construction Science program is to empower students to assume the broad range of professional positions in the construction industry. Graduates will be prepared for employment in planning, estimating, scheduling, coordinating, supervising and managing construction projects. They will also have the option of continuing their education at the graduate level leading to M.S. and Ph.D. degrees in Construction Science at other universities.

The curriculum structure is designed to provide a well-rounded preparation for entry into the construction business. It is structured to provide students with knowledge of materials, methods, estimating, scheduling, operations, logistics, supervision, management and law. Courses in business, architecture and general education will result in a well-rounded preparation for entry into the field.

The B.S. in Construction Science degree program requires a total of 136 semester credit hours (SCH): 86 SCH are required of all students; 42 SCH general education requirements; 8 SCH free electives.

DEGREE PROGRAM REQUIREMENTS

Core Curriculum **42 SCH**
 All Construction Science Core Curriculum requirements are shown in the suggested degree program.

Major Requirements **8 6SCH**
 CONS 1231, 1241, 3533, 3633, 3733, 4403, 4603, 4633, 4753, 4773, 4821, 4831, 3 hrs.
 CONS Elective ARCH 1233, 2223, 2243, 2273, 3013, 3283, 3294, 3453, 3463, 4433, 4443, 4483, ACCT 2113, , ECON 2113, FINA 2213, MATH 1123, 2003, MGMT 3103

Electives **8 SCH**

Total Degree Requirements **136 SCH**

- Construction Science Electives**
 CONS 4413 Residential Construction
 CONS 4423 Commercial Construction
 CONS 4433 Industrial Construction
 CONS 4443 Highway/Heavy Construction
 CONS 4453 Facilities Management

CONSTRUCTION SCIENCE SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR			
<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARCH 1233 Visual Communications	3	ARCH 1273 Intro. to Multimedia Computing	3
ARCH 1253 Architecture Design I	3		
CONS 1231 Construction Science Seminar I	1	CONS 1241 Construction Science Seminar II	1
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
HIST 1313 U.S. to 1876	3	MATH 1123 Trigonometry	3
		POSC 1113 American Government I	3
MATH 1113 Algebra	3		
		Natural Science	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>16</i>

SOPHOMORE YEAR			
<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ACCT 2113 Financial Accounting	3	ARCH 2243 History/Theory of Architecture II	3
ARCH 2223 Computer Aided Design	3	ARCH 2273 Materials and Methods I	3
ARCH 2233 History/Theory of Architecture I	3	ECON 2113 Principles of Microeconomics	3
		FINA 2213 Business Law	
HIST 1323 The U.S.-1876 to Present	3	PHYS 2113 General Physics	3
MATH 2003 Elementary Statistics	3		
POSC 1123 American Government II			
<i>Total</i>	<i>18</i>	<i>Total</i>	<i>15</i>

JUNIOR YEAR			
<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARCH 3283 Materials and Methods II	3	ARCH 3031 Construction Estimating	3
ARCH 3294 Structural Systems I	4	ARCH 4443 CAD Construction Documents	3
ARCH 3453 Environmental Systems I	3	ARCH 3463 Environmental Systems II	3
CONS 3533 Managing Operations	3	ARCH 4433 Structural Systems II	3
		CONS 3633 Surveying and Soils	3
CONS 3733 Subdivision and Quantification	3	SPCH 1003 Fund of Speech Communications	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>18</i>

<i>Summer</i>	<i>Hours</i>
CONS 4403 Internship	3

		SENIOR YEAR		
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARCH 4483	Structural Systems III	3	CONS 4603 Labor and Safety	3
			CONS 4753 Scheduling and Cost Control	3
	CONS Elective	3	CONS 4773 Project Controls	3
CONS 4633	Law and Ethics	3	CONS 4831 Starting a Construction Business	1
CONS 4821	Construction Seminar	1	MGMT 3103 Principles of Management	3
	Social and Behavioral Science	3	Electives	4
	Electives	4		
<i>Total</i>		<i>17</i>	<i>Total</i>	<i>17</i>