

# Architecture - Undergraduate Programs

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## Bachelor's Degree

- Bachelor of Science in Architecture (<https://www.uta.edu/academics/schools-colleges/cappa/academics/architecture/bs-architecture/>)

## Minor Offered

- Architecture History (<https://www.uta.edu/academics/schools-colleges/cappa/academics/minors/arch-history/>)

## Overview

The four-year Bachelor of Science in Architecture degree is a four-year pre-professional degree program of studies comprising, with a later two-year graduate program, the six-year Master of Architecture curriculum. This sequence, called the **4 + 2 model**, has been adopted by many major universities as the most effective way of combining liberal education with professional education. It provides the basis for various career possibilities, including the professional degree of Master of Architecture (<http://catalog.uta.edu/archives/2022-2023/cappa/architecture/graduate/>) or the Master of Landscape Architecture (<http://catalog.uta.edu/archives/2022-2023/cappa/landscape/>); these advanced degrees are normally awarded after two years of graduate study (refer to the graduate catalog for details).

## About Us

The Bachelor of Science in Architecture degree combines a core liberal arts curriculum with a structured sequence of courses in architecture and design. A large number of electives allows the student the flexibility to pursue special interests in the school and in the University. The four-year undergraduate architecture program (128 credit hours) consist of two two-year segments: **Basic Studies** and **Major Studies**.

The first two years (**Basic Studies**) is a foundation curriculum taken by all undergraduates at that level in the school. In addition to work in the arts and sciences, Basic Studies includes a series of lecture and studio courses which introduce the student to the concepts, history, skills, and vocabulary of design.

Following the two-year Basic Studies sequence, in the third and fourth years (**Major Studies**), the student concentrates in one of the design disciplines, taking courses and studios of a more advanced and professional nature. Those pursuing the Bachelor of Science in Architecture degree follow the architecture sequence.

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## Advising:

**BS ARCH Academic Advisors:** Kelsey Childress and Daniel Gray

**Director for Academic Affairs and Advising:** Cheryl Donaldson

**BS ARCH Program Director:** Brad Bell

## Undergraduate Admissions Requirements

Admission to the Architecture Basic Studies sequence is open to all students meeting the general requirements for entrance to the University.

**Prospective Students Contact:** James Brown, Academic Recruiter

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## Major Studies: Admissions Requirements

To declare a major (enter 3rd year) in Architecture and gain permission to enroll in upper-level ARCH or INTD courses:

- The student will have completed the Architecture Basic Studies sequence with a grade of C or better within each course.
- The student will have completed the core curriculum required for the Architecture degree plan with grades of C or better within all Math and Physics courses.
- Have a minimum of a 2.8 GPA both overall at UT Arlington as well as within the Architecture Basic Studies sequence.
- Complete a Major Declaration form available through the School of Architecture

GPA requirements may change based on changes in the curriculum of the program. Qualified students must meet the GPA requirements that are in place at the time they fulfill all other requirements to declare their major.

To declare a major for a fall semester, qualified applicants will submit their request to declare a major in the School of Architecture office at the completion of the spring semester, by the department specified deadline.

Official records of coursework taken at other institutions or universities must be submitted to the advising office of the School of Architecture before a student can file a Major Declaration form. It is the student's responsibility to ensure that all coursework is transferred to the Office of Admissions at UT Arlington in a timely manner.

Upon entrance into the major studies programs, students will be required to maintain the minimum 2.8 GPAs both overall at UT Arlington and within the major to remain active and proceed within the program.

## Programs Cohort

The undergraduate programs in the School of Architecture at the University of Texas at Arlington are organized in a structured cohort format.

### What Is a Cohort?

A cohort is a group of students that follows the same set schedule and progresses through a program together. The sequential scheduling of the courses promotes an interactive learning environment and facilitates networking opportunities and career-strengthening relationships.

### How Does It Work?

The program consists of a sequence of courses that takes a minimum of eight semesters to complete. The courses are offered in specific semesters (Fall and Spring) that require the students to complete the prior level before proceeding to the next level. If a student gets off-track in the cohort, she/he must wait until the missing course(s) are offered again.

### How Are the Courses Sequenced?

The major courses must be taken as follows (*Please note: For every year listed below, 'First Semester' is Fall and 'Second Semester' is Spring*):

## Architecture Students Cohort

First Year			
Fall Semester	Hours	Spring Semester	Hours
UNIV-AR 1131 or ARCH 1101		1 ARCH 1342	3
ARCH 1301		3	
ARCH 1341		3	
		<b>7</b>	<b>3</b>
Second Year			
Fall Semester	Hours	Spring Semester	Hours
ARCH 2303		3 ARCH 2304	3
ARCH 2551		5 ARCH 2552	5
		<b>8</b>	<b>8</b>
Third Year			
Fall Semester	Hours	Spring Semester	Hours
ARCH 3323		3 ARCH 3324	3
ARCH 3343		3 ARCH 3361	3
ARCH 3553		5 ARCH 3364	3
		ARCH 3554	5
		<b>11</b>	<b>14</b>
Fourth Year			
Fall Semester	Hours	Spring Semester	Hours
ARCH 4362		3 ARCH 4557	5
ARCH 4556		5	
		<b>8</b>	<b>5</b>
<b>Total Hours: 64</b>			

<sup>1</sup> Course may be offered both Fall and Spring semesters.

## Special Academic Requirements

**GPA Requirements:** Upon admission to the Major Studies, all declared majors must maintain a minimum GPA of 2.8 both within the major and in the cumulative GPA to continue in the upper level program to satisfy requirements for graduation.

**Grade Requirements:** A grade of C or higher must be earned in each School of Architecture course used for credit toward an undergraduate degree and minor offered by the school. A grade of C or higher must be earned in all required Math and Physics courses. Grades of P are not acceptable for classes in which a grade of C or higher is required.

**Repetition of Courses:** Three attempts to achieve a satisfactory grade are permitted for each required course in the School of Architecture. Beyond that number of attempts, the student is denied access to the course in question, or to the sequence of courses for which it is requisite. Enrollment in the course for the time sufficient to receive a grade, including the grade W, is considered an attempt.

**Transfer of Credit:** The extent of credit toward degree requirements for academic work done elsewhere will be determined by the representatives of the appropriate program. Students applying to transfer credits from studio courses taken elsewhere must present examples of that work for evaluation.

**Student Projects:** The School of Architecture reserves the right to retain, copyright, use, exhibit, reproduce, and publish any work submitted for course credit. The student is encouraged to develop a portfolio of all work accomplished in advanced courses for future professional and academic uses.

## Requirements for a Bachelor of Science Degree in Architecture

### Architecture

UNIV-AR 1131 or ARCH 1101	STUDENT SUCCESS ACADEMIC SUCCESS SKILLS IN ARCHITECTURE	1
ARCH 1301	INTRODUCTION TO ARCHITECTURE AND INTERIOR DESIGN	3
ARCH 1341	DESIGN COMMUNICATIONS I	3
ARCH 1342	DESIGN COMMUNICATION II	3
ARCH 2303	HISTORY OF ARCHITECTURE AND INTERIOR DESIGN I	3
ARCH 2304	HISTORY OF ARCHITECTURE AND INTERIOR DESIGN II	3
ARCH 2551	BASIC DESIGN AND DRAWING I	5
ARCH 2552	BASIC DESIGN AND DRAWING II	5
ARCH 3323	CONSTRUCTION MATERIALS AND METHODS	3
ARCH 3324	STRUCTURES I	3
ARCH 3343	ARCHITECTURE COMPUTER GRAPHICS (DESIGN COMMUNICATION III)	3
ARCH 3361	ARCHITECTURE AND ENVIRONMENT	3
ARCH 3364	SITE DESIGN	3
ARCH 3553	DESIGN STUDIO: ARCHITECTURE I	5
ARCH 3554	DESIGN STUDIO: ARCHITECTURE II	5
ARCH 4362	STRUCTURAL SYSTEMS IN BUILDINGS	3
ARCH 4556	DESIGN STUDIO: ARCHITECTURE III	5
ARCH 4557	DESIGN STUDIO: ARCHITECTURE IV	5

### Communications

ENGL 1301	RHETORIC AND COMPOSITION I	3
ENGL 1302	RHETORIC AND COMPOSITION II	3

### Political Science

POLS 2311	GOVERNMENT OF THE UNITED STATES	3
POLS 2312	STATE AND LOCAL GOVERNMENT	3

### History

HIST 1301	HISTORY OF THE UNITED STATES TO 1865	3
HIST 1302	HISTORY OF THE UNITED STATES, 1865 TO PRESENT	3

### Mathematics

MATH 1303	TRIGONOMETRY	3
MATH 1327 or MATH 1426	ARCHITECTURAL CALCULUS WITH ANALYTIC GEOMETRY CALCULUS I	3

### Natural Science

PHYS 1441	GENERAL COLLEGE PHYSICS I	4
PHYS 1442	GENERAL COLLEGE PHYSICS II	4

### Language, Philosophy & Culture Elective

3

### Literature

English or modern languages literature or other approved substitute	3
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### Social & Behavioral Sciences Elective

Designated courses in social or cultural anthropology, archaeology, social/political/cultural geography, economics, psychology, sociology, classical studies, or linguistics 3

#### University Elective

Selected from University course offerings and approved by the academic advisor 2

#### Advanced Electives

Advanced architectural history 3

Advanced architectural theory 3

Advanced architectural elective 3

Advanced courses selected by the student with the advice, counsel, and approval of the designated undergraduate advisor for the option 12

**Total Hours** **128**

A least 36 hours must be 3000/4000 level.

## Suggested Course Sequence

### First Year

Fall Semester	Hours	Spring Semester	Hours
UNIV-AR 1131 or ARCH 1101		1 ARCH 1342	3
ARCH 1301		3 ENGL 1302	3
ARCH 1341		3 HIST 1301	3
ENGL 1301		3 MATH 1327	3
MATH 1303		3 Social & Behavioral Sciences Elective	3
POLS 2312		3	
		<b>16</b>	<b>15</b>

### Second Year

Fall Semester	Hours	Spring Semester	Hours
ARCH 2303		3 ARCH 2304	3
ARCH 2551		5 ARCH 2552	5
HIST 1302		3 PHYS 1442	4
PHYS 1441		4 POLS 2311	3
Language, Philosophy, & Culture Elective		3 Literature Elective	3
		<b>18</b>	<b>18</b>

### Third Year

Fall Semester	Hours	Spring Semester	Hours
ARCH 3323		3 ARCH 3324	3
ARCH 3343		3 ARCH 3361	3
ARCH 3553		5 ARCH 3364	3
Adv. ARCH History or Adv. ARCH Elective		3 ARCH 3554	5
University Elective		2	
		<b>16</b>	<b>14</b>

### Fourth Year

Fall Semester	Hours	Spring Semester	Hours
ARCH 4362		3 ARCH 4557	5
ARCH 4556		5 Adv. ARCH Theory Elective	3
Adv. ARCH or Adv. ARCH History Elective		3 Advanced Elective	3
Advanced Elective		3 Advanced Elective	3
Advanced Elective		3	
		<b>17</b>	<b>14</b>

Total Hours: 128

## COMPETENCE IN ORAL PRESENTATIONS

Students obtaining a Bachelor of Science degree in Architecture demonstrate oral proficiency by taking and passing ARCH 2551, ARCH 2552, ARCH 3553, ARCH 3554, ARCH 4556, and ARCH 4557 or approved equivalents.

## COMPETENCE IN COMPUTER USE

Students obtaining a Bachelor of Science degree in Architecture can demonstrate computer proficiency by:

- Taking and passing ENGL 1301 or ENGL 1302 at UT Arlington in a computer classroom environment or ENGL 3372, ENGL 3374, CSE 1301 (or equivalent), or any other class approved by the Undergraduate Assembly.
- Passing the University computer literacy examination.

\* Plan requirements/classes are subject to change. As needed, students may be changed into the most current plan. Any changes will not impact the student's graduation timeline.

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**Minors Advising (all minors):**

Undergraduate Advising (<https://www.uta.edu/academics/schools-colleges/cappa/general-advising/undergrad-advising/>)

**Minor in Architecture History**

**Minor Director:** Dr. Kathryn (Kate) Holliday

**Director of Academic and Student Affairs / Advising Supervisor:** Cheryl Donaldson

The school offers numerous courses from which to select the 18 hours required for the Architecture History minor (<https://www.uta.edu/academics/schools-colleges/cappa/academics/minors/arch-history/>).

Students who choose to pursue the minor in History of Architecture must complete our 6 hours of core courses (**ARCH 2303** and **ARCH 2304**).

Upon completion of the two core classes, students must select an additional 12 hours from our other Architecture History courses.

<b>CORE</b>		<b>6</b>
ARCH 2303	HISTORY OF ARCHITECTURE AND INTERIOR DESIGN I	3
ARCH 2304	HISTORY OF ARCHITECTURE AND INTERIOR DESIGN II	3
<b>ADDITIONAL 4 ARCH HISTORY COURSES</b>		<b>12</b>
ARCH 3312	HISTORY OF CONTEMPORARY THEORY	3
ARCH 4305	THE CITY OF ROME	3
ARCH 4307	THE LIFE OF CITIES	3
ARCH 4308	HISTORY OF URBAN FORM	3
ARCH 4315	TOPICS IN THE HISTORY OF ARCHITECTURE AND DESIGN (as topic varies) <sup>1</sup>	3
ARCH 4316	MODERN ARCHITECTURE I	3
ARCH 4317	MODERN ARCHITECTURE II	3
ARCH 4353	HISTORY OF LANDSCAPE ARCHITECTURE	3
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> A Special Topics courses whose offerings continually are changing.

**Minor in Environmental and Sustainability Studies**

**Minor Director:** Dr. Meghna Tare

**Asst. Director for Academic Affairs and Advising:** Cheryl Donaldson

The University offers a variety courses from which to select the 18 hours required for the Environmental and Sustainability Studies minor (<https://www.uta.edu/academics/schools-colleges/cappa/academics/minors/environmental-sustainability-minor/>).

Students are required to take one core course, **ESST 2300**: Introduction to Environmental and Sustainability Studies, which surveys topics and methods in interdisciplinary studies of sustainability and the environment. This course should be taken in the freshman or sophomore year.

An additional 15 hours of coursework is to be completed from the list of courses below (or others approved by the ESS advisor). At least one course must be taken in each of the two groups. Students are encouraged to inquire about other courses that might qualify for credit. At least 6 hours must be

taken as 3000- or 4000-level courses. Additional courses are expected to be approved each semester, so students are encouraged to consult regularly with the advisor. \*Students may be allowed to take additional classes from alternate group with advisor approval.

<b>CORE</b>		<b>3</b>
ESST 2300	INTRODUCTION TO ENVIRONMENTAL & SUSTAINABILITY STUDIES	3
or CE 2300	INTRODUCTION TO SUSTAINABLE ENGINEERING	
<b>FIELD OF INTEREST [4 courses] (choose group)</b>		<b>12</b>
Group 1: Liberal Arts, Social Sciences, and Business (CAPPA, COBA, COLA, SSW)		
or		
Group 2: Natural Sciences and Engineering (COS, COE)		
<b>ALTERNATE GROUP [1 course]</b>		<b>3</b>
<b>Total Hours</b>		<b>18</b>

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## Minor in Urban and Public Affairs

**Minor Director:** Dr. Ivonne Audirac

**Asst. Director for Academic Affairs and Advising:** Cheryl Donaldson

The University offers numerous courses from which to select the 18 hours required for a minor.

The Urban Affairs minor (<https://www.uta.edu/academics/schools-colleges/cappa/academics/minors/urban-affairs-minor/>) is for students interested in complementing their academic career with a broader understanding of Urban Affairs, Urban Planning and the Environment, or Public Administration.

Students are required to take two core courses, **PLAN 1301: Intro to Urban Life** and **PLAN 3301: The Metroplex**,

Students pursuing the minor complete the 2 required core courses then select 4 courses (12 hours) from one of the fields of interest.

<b>CORE</b>		<b>6</b>
PLAN 1301	INTRODUCTION TO URBAN LIFE	3
PLAN 3301	THE METROPLEX	3
<b>FIELD OF INTEREST [4 courses] (choose group)</b>		<b>12</b>
Group 1: Public Administration		
or		
Group 2: Urban Affairs		
<b>Total Hours</b>		<b>18</b>