



## ABOUT THE PROGRAM

The Bachelor of Science in Architecture program at Texas A&M University educates students in the principles and practices of design as explored through the lens of the built environment. Our computation and technology-driven curriculum and studio-based experiences enable students to develop and diversify their capacity for design thinking, processes, and solutions across scales from product design to the urban context. The program uses collaboration, critical thinking, problem-solving, and prototyping as tools to address the rapidly expanding fields of architecture and design.

We deliver a 21st-century education building on timeless principles while engaging with current, emerging, and projected trends. Motivated 2nd-year ARCH students who aspire to become licensed professional architects have the option to participate in the Integrated Path to Architecture Licensure (iPAL) program to simultaneously pursue the three essential components for licensure, i.e., Education (Accredited degree), Experience (AXP), and Examination (ARE 5.0), thereby reducing the overall time required to obtain an architectural license. The curriculum requires all 3rd-year undergraduate students to study away from the Texas A&M Main Campus for one semester. Students can elect to participate in an internship or study abroad program to gain global architecture and design perspectives. The Bachelor of Science in Architecture prepares graduates to continue their professional education through a NAAB-accredited Master of Architecture program.

## CAREERS

Graduates of our program pursue careers in architecture, robotics, and design-related fields, including graphic, industrial, product, and interior design\*.

*\*Students interested in professional architecture registration must complete a National Architectural Accreditation Board (NAAB) accredited Master of Architecture program after completing the four-year undergraduate Bachelor of Science in Architecture degree.*

## AREAS OF EMPHASIS

- Computational design + simulation
- Building technology + assemblies
- Design synthesis + integration
- Professional practice + community engagement
- Global + cultural perspectives

# PROGRAM SEMESTER CURRICULUM | CATALOG 146 (2023 - 24)

## FIRST YEAR | FALL SEMESTER

Listing	Class	Credits
ARCH 249	Survey of World Architecture History 1	3
ARCH 281	Seminar in Contemporary Architecture	1
ARCH 105	Design Foundations 1	4
ARCH 115	Design Communication Foundations	3
MATH 140 or MATH 152 or MATH 168	Mathematics for Business and Social Sciences, or Engineering Mathematics 2, or Finite Mathematics	3
<b>Semester Credit Hours</b>		<b>14</b>

## FIRST YEAR | SPRING SEMESTER

ARCH 250	Survey of World Architecture History 2	3
ARCH 108	Design and Visual Communication Foundations 2	5
ENGL 104	Composition and Rhetoric	3
MATH 142 or MATH 151	Business Calculus or Engineering Mathematics 1	3
	Cultural Discourse <sup>2</sup>	3
<b>Semester Credit Hours</b>		<b>17</b>

## SECOND YEAR | FALL SEMESTER

ARCH 205	Architecture Design 1	4
ARCH 212	Social and Behavioral Factors in Design	3
ARCH 330	The Making of Architecture	3
PHYS 201	College Physics	4
	Government/Political science	3
<b>Semester Credit Hours</b>		<b>17</b>

## SECOND YEAR | SPRING SEMESTER

ARCH 206	Architecture Design 2	5
ARCH 213	Sustainable Architecture	3
CARC 481	Seminar	1
	American history	3
	Life and physical sciences	4
<b>Semester Credit Hours</b>		<b>16</b>

## THIRD YEAR | FALL SEMESTER

ARCH 305	Architectural Design 3	5
ARCH 331	Architectural Structures	3
ARCH 335	Architectural Systems	3
	Communication elective	3
	Life and physical sciences	1
<b>Semester Credit Hours</b>		<b>15</b>

## THIRD YEAR | SPRING SEMESTER

Listing	Class	Credits
ARCH 494 or CARC 301	Internship or Field Studies in Design Innovation	12
	Study away elective <sup>1</sup>	
<b>Semester Credit Hours</b>		<b>12</b>

## FOURTH YEAR | FALL SEMESTER

ARCH 405	Architecture Design 4	5
ARCH 431	Integrated Structures	2
ARCH 435	Integrated Systems	2
	American History	3
	Government/Political science	3
<b>Semester Credit Hours</b>		<b>15</b>

## FOURTH YEAR | SPRING SEMESTER

ARCH 350	History and Theory of Modern and Contemporary Architecture	3
ARCH 406	Architectural Design 5	5
	Directed elective <sup>3</sup>	3
	Directed elective <sup>3</sup>	3
<b>Semester Credit Hours</b>		<b>14</b>

<sup>1</sup>Study away electives will be selected with approval of the Assistant Dean for International Programs and Initiatives.

<sup>2</sup>To be selected from any of the 100–499 level courses designated as cultural discourse (CD) not used elsewhere (such as CARC 101).

<sup>3</sup>Select from ARCH 216, ARCH 246, ARCH 260, ARCH 317, ARCH 327, ARCH 328, ARCH 345, ARCH 421, ARCH 430, ARCH 433, ARCH 434, ARCH 438, ARCH 441, ARCH 458, ARCH 463, ARCH 481, ARCH 484; ARTS 330; COSC 253; GEOG 330; LAND 301; RENR 375; URPN 340, URPN 361, URPN 370, URPN 470.

All proposals for undergraduate independent study must be signed by the supervising faculty and submitted to the department for approval; forms are available from the Department of Architecture Undergraduate Advisor and on the department website.

A grade of C or better must be made in all School of Architecture courses (ARCH, ARTS, COSC, CARC, LAND, LDEV, URPN, and VIST). Students must also make a grade of C or better in any course used as an equivalent substitution for School of Architecture courses satisfying degree requirements.