



The Bachelor of Environmental Design at Texas A&M University provides a design education through the lens of the built environment. You'll be challenged to think critically and creatively to solve design problems.

Our architecture-driven curriculum and studio-based experiences will develop your capacity for design thinking. You will leverage creative thinking as a tool in rapidly expanding fields.

ABOUT THE PROGRAM

We deliver a 21st century education by building on timeless principles while engaging with current trends. Design studio projects, semester away experiences, and innovative instruction taught from a global perspective will equip you to address modern problems in architecture and design.

The curriculum requires all third-year undergraduate students to spend one semester studying away from the Texas A&M campus. Students can elect to participate in a study abroad program or an internship within the discipline of architecture.

CAREERS

The Bachelor of Environmental Design prepares students to pursue careers in a wide range of design related fields of graphic design, industrial design, interior design, robotics, architecture 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 Environmental Design degree. Motivated BED students who seek 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 (NAAB Accredited degree), Experience (AXP), Examination (ARE 5.9), thereby reducing the overall time required to obtain an architectural license.*

AREAS OF EMPHASIS

- Design thinking
- Architectural history, theory and criticism
- Representation
- Building technology
- Social, professional and community engagement
Technology

PROGRAM SEMESTER CURRICULUM | CATALOG 145 (2022 - 23)

FIRST YEAR | FALL SEMESTER

Listing	Class	Credits
ARCH 249	Survey of World Architecture History 1	3
ARCH 281	Seminar in Contemporary Architecture	1
ENDS 105	Design Foundations 1	4
ENDS 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
Semester Credit Hours		14

FIRST YEAR | SPRING SEMESTER

ARCH 250	Survey of World Architecture History 2	3
ENDS 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 ²	3
Semester Credit Hours		17

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
Semester Credit Hours		17

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
Semester Credit Hours		16

THIRD YEAR | FALL SEMESTER

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

THIRD YEAR | SPRING SEMESTER

Listing	Class	Credits
ARCH 494 or CARC 301	Internship or Field Studies in Design Innovation	5
	Study away elective ¹	
Semester Credit Hours		12

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
Semester Credit Hours		15

FOURTH YEAR | SPRING SEMESTER

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

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

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

³Select 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 (in Langford ARCA 219) and on the department website.

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