Bachelor of Science Degree in Architecture

The Bachelor of Science (B.S.) in Architecture is a four-year preprofessional degree. The minimum number of semester credit hours required for the degree, including Core Curriculum requirements, is 124, at least 39 of which must be at the upper-division level. Students are advised to complete the B.S. in Architecture coursework in the order indicated in the “Recommended Curriculum” issued by the College of Architecture for their catalog year.

The B.S. in Architecture is a program that provides students with the opportunity to prepare for the continuation of studies in a professional graduate program to earn a Master of Architecture (M.Arch.) degree. Completion of the B.S. in Architecture degree allows the graduate to pursue limited architectural practice but does not, in itself, fully prepare the graduate for architectural licensure. Students in the B.S. in Architecture program are advised that the certification for architectural registration and professional practice by the National Council of Architectural Registration Boards (NCARB) requires, in virtually all cases, an accredited professional degree and broad architectural education such as that provided by the Master of Architecture (M.Arch.) program at UTSA.

In the United States, most state 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 U.S. 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.

Master’s accredited degree programs may consist of a preprofessional undergraduate degree and a professional graduate degree, which when earned sequentially, comprise an accredited professional education. However, the preprofessional undergraduate degree is not, by itself, recognized as an accredited degree.

Transfer Students: All transfer students are required to submit a bound portfolio (maximum size 8.5 inches by 11 inches) to the College of Architecture as soon as admittance to the University is approved. Portfolios must be received at the College of Architecture prior to the second week in March for Fall Semester admission; and prior to the second week in September for Spring Semester admission. The portfolio must clearly demonstrate creative and communicative skills in written and graphic form. A complete transcript of all professional courses accompanied by the catalog descriptions from the originating institutions must be included. Do not send slides or original work. A postage-paid, self-addressed return envelope must be included for return of the work to the candidate. The portfolio will be reviewed to determine the student’s placement within the curricular sequence.

Foundation Year to Architecture Program Gateway: Available openings within the Architecture Program (second to fourth year courses) are limited and, therefore, entry is competitive. Entry is determined by the grade point average (GPA) of the 28 semester credit hours required in the Foundation Year of the College of Architecture. Students must complete all 28 hours of Foundation Year courses to be considered for acceptance into the Architecture Program.

Students who fail courses in the College of Architecture Foundation Year may retake a Foundation Year course only once to improve their overall GPA. Acceptance to the Architecture Program is reviewed and granted only after the completion of the Spring Semester each year.

Laptop Initiative: The Laptop Initiative program requires that students entering the Architecture Program (second year) have their own laptop (notebook) computer and required software. Digital technology will be integrated into the studio work and will be necessary in order to fulfill project requirements. The computer should be upgradeable in order to be of productive use for the duration of the academic program. A copy of the recommended minimum laptop specifications is available in the College of Architecture or online at http://www.utsa.edu/architecture/.

Student Work: The College of Architecture reserves the right to retain, exhibit, and reproduce work submitted by students. Work submitted for grading is the property of the College of Architecture and remains such until it is returned to the student.

All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.
Core Curriculum requirements: Students seeking the Bachelor of Science degree in Architecture must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed in the table below satisfy both degree requirements and Core Curriculum requirements; however, if these courses are taken to satisfy both requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree. For a complete listing of courses that satisfy Core Curriculum requirements, see pages 5–9 of this catalog.

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<th>Core Curriculum Component Area</th>
<th>Courses that Satisfy Core Curriculum and Degree Requirements</th>
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<tr>
<td><strong>Communications</strong></td>
<td><strong>English Rhetoric/Composition</strong> (6 semester credit hours) &lt;br&gt; All students must take the following six hours to meet this core requirement: &lt;br&gt; WRC 1013 Freshman Composition I &lt;br&gt; WRC 1023 Freshman Composition II</td>
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<td><strong>Mathematics</strong></td>
<td><strong>Mathematics</strong> (3 semester credit hours) &lt;br&gt; MAT 1093 Precalculus</td>
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<td><strong>Natural Sciences</strong></td>
<td><strong>Science</strong> (6 semester credit hours) &lt;br&gt; PHY 1603, 1611 Algebra-based Physics I and Laboratory &lt;br&gt; or &lt;br&gt; PHY 1903, 1911 Engineering Physics I and Laboratory &lt;br&gt; and any additional three hours selected from the following recommended courses: &lt;br&gt; ANT 2033 Introduction to Physical Anthropology &lt;br&gt; ANT 2043 Introduction to Archaeology &lt;br&gt; AST 1013 Introduction to Astronomy &lt;br&gt; CHE 1073 Basic Chemistry &lt;br&gt; CHE 1103 General Chemistry I &lt;br&gt; ES 2013 Introduction to Environmental Systems I &lt;br&gt; GEO 1013 The Third Planet &lt;br&gt; GEO 1103 Introduction to Earth Systems &lt;br&gt; GRG 2613 Physical Geography &lt;br&gt; PHY 1623 Algebra-based Physics II</td>
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<td><strong>Humanities &amp; Visual and Performing Arts</strong></td>
<td><strong>Literature</strong> (3 semester credit hours) &lt;br&gt; Any three hours listed under this section in the list of core courses will satisfy this core requirement. &lt;br&gt; <strong>The Arts</strong> (3 semester credit hours) &lt;br&gt; ARC 2413 History of Architecture: Prehistory through Medieval &lt;br&gt; or &lt;br&gt; ARC 2423 History of Architecture: Renaissance through Nineteenth Century</td>
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<td><strong>Social and Behavioral Sciences</strong></td>
<td><strong>United States History and Diversity</strong> (6 semester credit hours) &lt;br&gt; Any six hours listed under this section in the list of core courses will satisfy this core requirement. &lt;br&gt; <strong>Political Science</strong> (6 semester credit hours) &lt;br&gt; POL 1013 Introduction to American Politics, plus three additional hours listed under this section in the list of core courses will satisfy this core requirement.</td>
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Core Curriculum Component Area | Courses that Satisfy Core Curriculum and Degree Requirements
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Social and Behavioral Science (3 semester credit hours) | Any three hours listed under this section in the list of core courses will satisfy this core requirement.
Economics (3 semester credit hours) | Any three hours listed under this section in the list of core courses will satisfy this core requirement.
World Society and Issues (3 semester credit hours) | ARC 1413 Architecture and Culture

Degree Requirements

A. Foundation Year sequence (28 semester credit hours):

1. 13 semester credit hours of mathematics, science, and writing Core Curriculum courses:

- MAT 1093 Precalculus
- PHY 1603, 1611 Algebra-based Physics I and Laboratory or PHY 1903, 1911 Engineering Physics I and Laboratory
- WRC 1013 Freshman Composition I
- WRC 1023 Freshman Composition II

2. 15 semester credit hours of required courses completed with a grade of “C” or better in each course:

- COA 1113 Introduction to the Built Environment
- COA 1133 Building Technology I
- COA 1213 Design I
- COA 1223 Design II
- COA 1313 Design Visualization

B. Architecture Program sequence (69 semester credit hours):

1. 54 semester credit hours of required architectural courses. Must be completed with a grade of “C” or better in each course:

- ARC 2116 Design III
- ARC 2126 Design IV
- ARC 2223 Building Technology II
- ARC 2413 History of Architecture: Prehistory through Medieval
- ARC 2423 History of Architecture: Renaissance through Nineteenth Century
- ARC 3216 Architecture Studio I
- ARC 3226 Architecture Studio II
- ARC 3233 Building Technology III
- ARC 3343 Building Technology IV
- ARC 3353 Building Technology V
- ARC 3433 Topics in Architecture and Thought
- ARC 3613 History of Modern Architecture
- ARC 4246 Architecture Systems Studio

2. 15 semester credit hours of electives

It is recommended that the electives should include 6 semester credit hours of foreign language courses.