ARCHITECTURAL STUDIES, BS

for the Bachelor of Science Major in Architectural Studies

Director of the School: Francisco Javier Rodríguez-Suárez
School website: https://arch.illinois.edu/
Overview of college admissions & requirements: Fine & Applied Arts (http://catalog.illinois.edu/faa)
College website: https://faa.illinois.edu/
email: architecture@illinois.edu

The Bachelor of Science in Architectural Studies BSAS is a pre-professional degree that prepares students to enter a professional 2-year M ARCH degree. The program provides a strong foundation in design, technology and history as they relate to architectural practice. The degree also provides students with a broad liberal arts foundation that can lead to many other career options.

In this curriculum, normal progress is imperative. A student failing to complete any required course more than one semester later than the time designated in the curriculum is prohibited from progressive registration in architectural courses until the deficiency is corrected. To continue at the sophomore level and beyond, a student must have a cumulative grade point average of 2.00 (A = 4.0) for all University course work attempted. For the Bachelor of Science in Architectural Studies degree, a total of 120 semester hours are required.

for the Bachelor of Science Major in Architectural Studies

First Year
First Semester Hours
MATH 220 Calculus or 221 5-4
General Education16
FAA 101 Arts at Illinois 1
ARCH 171 Concepts and Theories of Architectural Design 3
Semester Hours 14
Second Semester
ARCH 172 Drawing and Modeling 3
MATH 231 Calculus II or PHYS 101 3-5
Composition I24
General Education16
Semester Hours 16
Second Year
First Semester
ARCH 231 Anatomy of Buildings 4
ARCH 273 Strategies of Architectural Design 3
UP 101 Introduction to City Planning 3
(or approved urban studies substitute)5
General Education or Electives1,3 3
ARCH 210 Introduction to the History of World Architecture 3
Semester Hours 16
Second Semester
ARCH 232 Structural Fundamentals 4
ARCH 274 Representation 3
General Education or Electives1,3 9
Semester Hours 16
Third Year
First Semester
ARCH 321 Environment, Architecture, and Global Health 3
Electives3 3
ARCH 433 Design of Steel and Reinforced Concrete Structures 4
ARCH 490 Special Topics in Contemporary Architecture (replace with ARCH 371) 6
Semester Hours 16
Second Semester
ARCH 434 Environmental Control Systems I 5
ARCH 435 Structural Systems and Construction Methods 4
ARCH 401 Independent Study 6
Semester Hours 16
Fourth Year
First Semester
ARCH 473 Architectural Design and Performance 6
Architectural History4 3
Electives3 6
Semester Hours 15
Second Semester
ARCH 474 Architectural Design and Making 6
Electives3 6
Semester Hours 12
Total Hours: 120
See current University of Illinois General Education requirements.
(https://courses.illinois.edu/gened/DEFAULT/DEFAULT)
The General Education quantitative reasoning requirement I is satisfied by the required MATH 220 or MATH 221 course; the quantitative reasoning II requirement is satisfied by the MATH 231 or PHYS 101 course. Students considering a concentration in Building Structures or Structural Engineering should take MATH 231. The Advanced Composition requirement may be fulfilled by either a separate, approved Advanced Composition course or by an Advanced Composition course which also satisfies one of the general education distribution list requirements. If by the latter, electives would be taken to make up the credit deficiency.

General Education foreign language requirement 0-12 hours: Students entering the University of Illinois as freshmen in fall 2000 or later need to complete the foreign language requirement in order to graduate. To satisfy this requirement, students must complete a third semester level college foreign language course. This requirement may also be satisfied by three years of the same foreign language in high school. Students entering the University of Illinois without three years of the same foreign language in high school must take a foreign language placement test to determine the courses in which to enroll.

The Composition I requirement may be fulfilled by any of the following courses or course sequences (placement is determined by examination): ESL 111 and ESL 112; ESL 115; RHET 101, and RHET 102; or RHET 105; or CMN 111 and CMN 112.

For information about electives, see the Undergraduate Handbook at the FAA website (https://faa.illinois.edu). A maximum of nine hours may be taken as professional electives.

Architectural history: All students in the undergraduate program in architecture must fulfill the architectural history requirement: three courses in addition to ARCH 210. Select from: ARCH 222, ARCH 314, ARCH 402, ARCH 403, ARCH 407, ARCH 409, Section B (Barcelona only), ARCH 410, ARCH 411, ARCH 412, ARCH 413, ARCH 414, ARCH 415, ARCH 416, ARCH 417, or ARCH 418.

The UP 101 requirement can be fulfilled by substituting one of the following approved courses: ARCH 418, ARCH 468, GEOG 204, GEOG 210, and GEOG 483.

### for the Bachelor of Science Major in Architectural Studies

#### First Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ARCH 171 Concepts and Theories of Architectural Design</td>
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<tr>
<td>MATH 220 Calculus or MATH 221</td>
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<td>General Education</td>
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<td>FAA 101 Arts at Illinois</td>
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<td><strong>Semester Hours</strong></td>
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<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ARCH 172 Drawing and Modeling</td>
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<td>MATH 231 Calculus II or PHYS 101</td>
<td>3-5</td>
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<tr>
<td>Composition I</td>
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<td>General Education</td>
<td>6</td>
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<tr>
<td><strong>Semester Hours</strong></td>
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<table>
<thead>
<tr>
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<th>Hours</th>
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<tr>
<td>ARCH 473 Architectural Design and Performance</td>
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<tr>
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<tr>
<td>Electives</td>
<td>6</td>
</tr>
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<td><strong>Semester Hours</strong></td>
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*Information listed in this catalog is current as of 04/2020*
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