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
- MATH 220 Calculus
  or 221
  5-4
- General Education¹
  6
- 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 I²
  4
- General Education³
  6
  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 Electives¹³
  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 Electives¹³
  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
  (to be replaced 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
  (to be replaced with ARCH 372)
  6
  Semester Hours
  15

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

Information listed in this catalog is current as of 03/2020
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.

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