

# ARCHITECTURAL STUDIES: STRUCTURES, MS

*for the degree of Master of Science in Architectural Studies Structures Concentration*

The School of Architecture offers a Structures Concentration under its MS in AS degree program. Completion of this in-depth plan of study will result in recording of Structures as a Concentration on the student's transcript under the MS in AS degree. Students interested in participating in the Structures Concentration must be admitted to the School of Architecture's MS in AS degree program; register their intent to enter the Structures Concentration with the School's Graduate Office prior to completing their first semester in their degree program and complete 27 graduate credit hours of architectural structures courses from the required courses and 5 hours of electives (total 32 hours). Prerequisite subjects for the Structures Concentration include the following: calculus I and II; statics and dynamics; mechanics of materials; one course in structural steel design and one course in reinforced concrete design. Students without these prerequisites may enter the Structures Concentration upon completion of their prerequisite courses.

## Admission

The admission grade point average for full standing in the Graduate College and the school must be at least 3.0 (A = 4.0). For applicants who meet the other requirements but have an admission GPA under 3.0, admission with limited standing may be permitted if evidence of exceptional qualification is presented.

Applicants are selected for admission on the basis of undergraduate academic performance and profession-related experience.

Application material is evaluated by faculty members. The faculty's recommendations are based upon an appraisal of the admission grade point average determined from official transcripts, a portfolio or brochure of applicant's past work in architecture, a statement of objectives, three letters of recommendation, and relevant professional work experience.

Application forms for graduate admission and financial aid may be obtained from the Web site above. Application may be made on-line. Completed applications for the Masters or Doctoral programs must reach the Graduate Programs Office by January 15; students are admitted in the fall semester only. Graduate Record Examination (GRE) scores are not required for School of Architecture Masters Degree applicants; the GRE is required for all Doctor of Philosophy applicants.

All applicants whose native language is not English must submit Test of English as a Foreign Language (TOEFL) scores. A minimum score of 590 on the paper-based test or 243 on the computer-based test or 96 on the internet-based test is required. The University of Illinois also accepts IELTS (academic exam) score in lieu of TOEFL, with a minimum score of 6.5 and 6.5 in all sub-sections required.

## Financial Aid

Financial aid for graduate students in architecture is available in the form of fellowships and assistantships (teaching, research, and graduate or resource). Qualified candidates are considered for financial support upon application and in subsequent years of study.

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Code	Title	Hours
ARCH 550	Design of Steel and Reinforced Concrete Structures II	4
ARCH 551	Structural Analysis	4
ARCH 552	Soil Mech and Foundations	3
ARCH 553	Advanced Reinforced Concrete Design	3
ARCH 554	Adv Steel Design	3
ARCH 556	Advanced Structural Planning	4
ARCH 560	Advanced Structural Analysis	3
ARCH 595	Spec Prob Struct Theory & Des (Section EQ, 2 to 4 Seismic Design)	2 to 4
<b>Total Hours</b>		<b>27</b>

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**Director of the School: Francisco Javier Rodríguez-Suárez**  
**Director of graduate studies: David J. Isern**

**Overview of grad college admissions & requirements:** <https://grad.illinois.edu/admissions/apply> (<https://grad.illinois.edu/admissions/apply/>)

**School website:** <http://arch.illinois.edu>

**College website:** <http://faa.illinois.edu>

**School office: 117 Temple Hoyne Buell Hall, 611 Taft Drive, Champaign, IL 61820**

**phone: (217) 333-7720**

**email: [arch-grad@illinois.edu](mailto:arch-grad@illinois.edu)**