ARCHITECTURAL STUDIES: 
STRUCTURES, MS

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

Director of the School: Francisco Javier Rodríguez-Suárez 
Director of graduate studies: Kevin Erickson 
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

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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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 a 
total of 32 hours with 27 graduate credit hours of architectural structures 
courses from the required courses list below. 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ARCH 550</td>
<td>Reinforced Concrete Design</td>
<td>4</td>
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<tr>
<td>ARCH 551</td>
<td>Structural Analysis</td>
<td>4</td>
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<tr>
<td>ARCH 552</td>
<td>Soil Mech and Foundations</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 553</td>
<td>Adv Reinforced Concrete Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 554</td>
<td>Adv Steel Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 556</td>
<td>Advanced Structural Planning</td>
<td>4</td>
</tr>
<tr>
<td>ARCH 560</td>
<td>Advanced Structural Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 595</td>
<td>Spec Prob Struct Theory &amp; Des (Section EQ, Seismic Design)</td>
<td>2 to 4</td>
</tr>
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Total Hours: 27

Information listed in this catalog is current as of 11/2020