

ARCHITECTURAL STUDIES, BS

for the Bachelor of Science Major in Architectural Studies

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.

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General Education Requirements

Code	Title	Hours
Some courses may fulfill multiple General Education categories. Courses may also fulfill both major requirements and Gen Ed categories.		
Composition I		4
Advanced Composition (ARCH 314 can fulfill)		3
Quantitative Reasoning I and II (specific courses required):		7-10
MATH 220	Calculus	
or MATH 221	Calculus I	
MATH 231	Calculus II (MATH 231 required for concentration in Building Structures and Structural Engineering)	
or PHYS 101	College Physics: Mech & Heat	
Humanities and the Arts (ARCH 222 and ARCH 314 can fulfill)		6
Cultural Studies: Western Comparative Cultures (ARCH 314 can fulfill)		3
Cultural Studies: U.S. Minority Culture(s)		3
Cultural Studies: Non-Western Cultures (ARCH 222 can fulfill)		3
Natural Sciences and Technology		6
Social and Behavioral Sciences		6
Total		26-44
Language Other Than English requirements (https://courses.illinois.edu/gened/DEFAULT/DEFAULT/)		0-12

Architecture Curriculum

Code	Title	Hours
College Orientation		1
FAA 101	Arts at Illinois	1
Design		12-13
ARCH 171	Introduction to Design I	3
ARCH 172	Introduction to Design II	3

ARCH 273	Fundamentals of Design I	4
ARCH 274	Fundamentals of Design II	3 or 4
Health & Wellbeing		3
ARCH 321	Environment, Architecture, and Global Health	3
Urbanism (select one)		3
ARCH 418	History of the Urban Environment	
ARCH 468	Overseas Architectural Studies	
GGIS 204	Cities of the World	
GGIS 210	Social & Environmental Issues	
GGIS 483	Urban Geography	
UP 101	Introduction to City Planning	
Architectural History		6
ARCH 210	Introduction to the History of World Architecture	3
Select one additional from the following:		3
ARCH 222	Islamic Gardens & Architecture (Humanities and the Arts & Cultural Studies: Non-West)	
ARCH 314	History of World Landscapes (Advanced Composition, Humanities and the Arts, & Cultural Studies: West)	
ARCH 402	Introduction to the History of Architectural Theory	
ARCH 403	Special Topics in Architectural History	
ARCH 407	Rome: City of Visible History	
ARCH 409	Studies in Spanish Architecture (Section B, Barcelona only)	
ARCH 410	Ancient Egyptian & Greek Arch	
ARCH 411	Ancient Roman Architecture	
ARCH 412	Medieval Architecture	
ARCH 413		
ARCH 414	Baroque & Rococo Arch	
ARCH 415	Modernity's Mirror: Nineteenth-Century Architecture 1750-1900	
ARCH 416	The Architecture of the United States, c.1650 to Present	
ARCH 417	Modern and Contemporary Global Architecture	
ARCH 418	History of the Urban Environment	
Performance		21
ARCH 231	Anatomy of Buildings	4
ARCH 232	Structural Fundamentals	4
ARCH 433	Design of Steel and Reinforced Concrete Structures I	4
ARCH 434	Environmental Control Systems I	5
ARCH 435	Structural Systems and Construction Methods	4
Studio		24
ARCH 371	Intermediate Design I	6
ARCH 372	Intermediate Design II	6
ARCH 473	Advanced Design I	6
ARCH 474	Advanced Design II	6

Code	Title	Hours
Total Credits for BS Architectural Studies		
General Education		26-44
Language Other than English		0-12
Architecture Curriculum		70-71
Free Electives (A maximum of nine hours may be taken as professional electives.)		0-18
Total		120

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Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. For more information, see the corresponding section on the Degree General and Education Requirements page (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

First Year

First Semester	Hours	Second Semester	Hours
ARCH 171		3 ARCH 172	3
MATH 220 or 221		5 MATH 231 or PHYS 101	3
Comp. I or Language Other than English (3rd level)		4 Comp. I or Language Other than English (3rd level)	4
General Education course		3 General Education course	3
FAA 101		1 General Education course	3
		16	16

Second Year

First Semester	Hours	Second Semester	Hours
ARCH 273		3 ARCH 274	3
ARCH 231		4 ARCH 232	4
ARCH 210		3 General Education course	3
Urbanism course		3 General Education course	3
General Education course or Free Elective course		3	
		16	13

Third Year

First Semester	Hours	Second Semester	Hours
ARCH 371		6 ARCH 372	6

ARCH 321	3 ARCH 435	4
ARCH 433	4 General Education course	3
General Education course	3 General Education course	3
	16	16

Fourth Year

First Semester	Hours	Second Semester	Hours
ARCH 473		6 ARCH 474	6
ARCH 434		5 Free Elective course	3
Architectural History 'select one additional' course		3 Free Elective course	3
Free Elective course	1		
	15		12

Total Hours 120

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The Bachelor of Science in Architectural Studies (BSAS) curriculum combines a comprehensive design education with the broad perspective necessary to become active and engaged global citizens. Students learn to address and solve tomorrow's complex problems at the intersection of the social, political, economic and environmental realms. Two- and three-dimensional design form the foundation of the four-year BSAS degree.

Technology, history, and structures courses complete the curriculum, preparing students to enter a two-year NAAB-accredited Master of Architecture degree program, or to pursue a graduate degree or career in an allied discipline.

When students complete the BSAS degree they will be able to:

1. Employ Specialized Knowledge

- Apply design thinking approaches to address environmental and societal challenges.
- Implement design processes—documentation, research, analysis and application—intervening to improve a set of environmental conditions.
- Communicate ideas and concepts through verbal and graphic, physical and digital, means.

2. Put Broad and Integrative Knowledge to Use

- Identify complex problems and approaches to addressing them.
- Understand diverse community dynamics and social relationships.
- Explore the intersections among environmental, social, cultural, political and economic aspects.

3. Exercise Intellectual Skills:

- Evaluate and apply theories of the built environment's impact on human wellbeing.
- Differentiate and assess various means of manufacture and their suitability for use in a number of diverse contexts.
- Acknowledge different theories for analyzing and intervening in urban contexts.

- Evidence proficiency integrating technological systems to improve environmental performance.
- Critically examine humanistic perspectives in architecture, urban and landscape throughout time.

4. Demonstrate Proficiency in Applied and Collaborative Learning:

- Apply skills needed for successful teamwork and consensus decision making.
- Employ leadership skills.
- Recognize the value of multidisciplinary contributions in the realm of environmental design.

5. Illustrate Civic and Global Understanding:

- Demonstrate empathic and ethical decision making.
- Apply sustainable practices across a variety of scales and contexts.
- Cultivate self-learning skills and curiosity to learn and broaden cultural perspectives.
- Utilize contemporary and historical perspectives in design thinking processes.

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School of Architecture

Director of the School: Francisco Javier Rodríguez-Suárez

School of Architecture website (<https://arch.illinois.edu/>)

School of Architecture email (architecture@illinois.edu)

Fine & Applied Arts

College of Fine & Applied Arts website (<https://faa.illinois.edu/>)

Admissions

Fine & Applied Arts Undergraduate Admissions & Requirements (<https://faa.illinois.edu/student-resources/future-students/>)

University of Illinois Undergrad Admissions (<https://www.admissions.illinois.edu/>)

Admissions email (admissions@illinois.edu)