MASTER OF ARCHITECTURE - PROFESSIONAL DEGREE

The Master of Architecture professional degree serves those students seeking a consummate professional education. The degree is accredited by the National Architectural Accrediting Board (NAAB), and is a necessary component for licensure in the field.

The College of Architecture's graduate professional Master of Architecture degree program emphasizes the integration of architectural design, theory, and technology. Through rigorous work and critical thought, the college promotes innovation and underscores refinement with the objective of developing outstanding proficiency in the practice of architecture.

The college draws strength from its legacy of Mies van der Rohe, as well as from its own contributions to modern theory and practice. Our argument is that the poetics of space are inseparable from the practical and significant understanding of materials and fabrication. The strength of the curriculum lies in rigorously unfolding the implications of this position.

Our location in Chicago is central to our understanding of architecture as an urban art, which is greatly enriched by the vibrant culture of our city and the influence of its progressive and global architectural practices.

Our mission is to teach design excellence and technical expertise, and to foster an understanding of the role of the architect in society as an ethical, insightful, and informed leader. We believe that society sustains and enriches itself through thoughtful planning and careful work, and we regard the architect as the central figure who is best able to synthesize the natural and man-made in the creation of a more humane built environment.

The curriculum addresses principles of design concepts, materials, construction, systems, planning, professional practice, history and visual judgment, which are fundamental for the development of the creative process. The curriculum is progressive with required core coursework offering foundation knowledge, skills and vocabulary, while upper-level study seeks a broader understanding of architecture by combining theoretical exploration with practical considerations.

Master of Architecture with Advanced Standing

Candidates who hold a B.A. or B.S. in Architecture (a pre-professional program from an NAAB-recognized school in the U.S.) or international students holding a professional degree from outside the U.S., and who have completed the equivalent of the first year's required courses, may qualify for up to one year of advanced standing in the professional degree program. Admission with advanced standing may allow the candidate to complete the Master of Architecture degree in as few as two years (four semesters), depending on prior preparation. Candidates may be asked to provide additional evidence on their previous coursework, including projects and course syllabi, to determine eligibility for advanced standing. Candidates will be notified upon admission as to their qualification for advanced standing. International students with a Bachelor of Architecture degree (or equivalent) who wish to pursue an NAAB-accredited program to be eligible for licensure in the United States should apply to the Master of Architecture with Advanced Standing.

Curriculum and Admission Requirements

The Master of Architecture professional degree program requires a bachelor's degree in any discipline from an accredited university.

For holders of a bachelor's degree outside of the field of architecture, who satisfy the prerequisites for admission, the course of study will be three years (six semesters) in length and 102 credit hours. For candidates who hold a B.A. or B.S. in Architecture (a pre-professional program from an NAAB-recognized school if from the U.S.) or international students with a Bachelor of Architecture degree (or equivalent), who satisfy the prerequisites for admission, the course of study may be reduced to a minimum of two years (four semesters) in length and 66 credit hours, as required of graduate students by the university, and based on the number of credits received for advanced standing. Candidates will be notified of their program requirements at the time of admission.

To be admitted without conditions to the professional degree program, an applicant is required to possess the following:

1. An understanding of basic systems and analytical procedures, including mechanics, heat transfer, light and sound, as demonstrated through the successful completion of a college-level physics course equivalent to Illinois Tech's PHYS 200
2. An understanding of basic mathematical principles and analytical procedures, including algebra, geometry, and trigonometry, as demonstrated through the successful completion of a college-level mathematics equivalent to Illinois Tech's MATH 122
3. A basic ability to produce freehand drawings of architectural forms and spaces, as demonstrated by the successful completion of one college-level drawing course or by portfolio submissions
4. A basic understanding of design, as demonstrated by the successful completion of one college-level design course or by portfolio submissions
5. An equivalent of 20 credit hours of liberal arts and humanities

Candidates admitted with deficiencies in any of these prerequisites must fulfill them before matriculation. These prerequisite courses do not apply to program credit hours. Applicants must have a college grade point average of 3.0/4.0.

Degree Requirements

As required by the university, graduate students must maintain a 3.0 or "B" grade point average in their program of study. The College of Architecture also requires this as part of the Master of Architecture degree requirements. Within the college, particular emphasis is placed on the studio as the forum where aspects of the curriculum are synthesized. Candidates must pass each studio course before continuing to the next studio in the sequence. Students may receive a single "C" in a studio, if maintaining the required "B" average. However, if a student receives a second "C" in studio coursework, they will be subject to dismissal from the program. Students may remediate this situation by repeating the coursework and achieving a higher letter grade, or enrolling in a remedial studio. The additional credits required for the additional studio cannot be counted toward their program of study.

In addition to the curricular requirements for the degree, there are several milestones that have been integrated throughout the coursework to ensure a student's successful completion and comprehension of the concepts and material. Each student's progress will be evaluated by an independent panel of faculty prior to their continuation, and eventual completion, of the program.

There are a wide variety of electives available not only in the College of Architecture, but also in the university's Armour College of Engineering, Institute of Design, and Stuart School of Business. If the student has previously taken courses that duplicate curriculum requirements, appropriate electives may be substituted. English language courses required for international students do not apply to program credit hours. Master of Architecture students wishing to accomplish a master's thesis as part of the post-professional Master of Science in Architecture program may petition for dual enrollment.

Master of Architecture

Code	Title		Credit Hours
Required Courses			**(72)**
ARCH 485	Structures I: Structural Analysis -- The System		3
ARCH 486	Structures II: Building Design		3
ARCH 500	Global Modernism		3
ARCH 501	Contemporary Architecture		3
ARCH 505	Urban Ecology		3
ARCH 506	Design Communications I: Units and Order		3
ARCH 507	Design Communications II: Systems and Assemblages		3
ARCH 508	Design Communications III		3
ARCH 513	Mechanical and Electrical Building Systems for Architects I		3
ARCH 514	Mechanical and Electrical Building Systems for Architects II		3
ARCH 520	Introduction to Urbanism		3
ARCH 541	Architecture Studio I: Elements		6
ARCH 542	Architecture Studio II: Architecture in the City		6
ARCH 543	Architecture Studio III: Living in the City		6
ARCH 544	Architecture Studio IV: Working in the City		6
ARCH 545	Architecture Studio V: Advanced		6
ARCH 546	Architecture Studio VI: Advanced		6
ARCH 568	Architectural Practice		3
Architectural History Electives			**(6)**
Select a minimum of six credit hours from the following: [1]			6
ARCH 502	Advanced Topics in History and Theory I	3	
ARCH 503	Advanced Topics in History and Theory II	3	
Materials Elective			**(3)**
Select a minimum of three credit hours from the following: [2]			3
ARCH 480	Materials and Construction	3	
ARCH 482	Material: Fibrous	3	
ARCH 483	Material: Transparent	3	
ARCH 488	Long-Span and Special Structures	3	
ARCH 489	Structural Systems for Tall Buildings and Long-Span Structures	3	
ARCH 494	Topics in Advanced Technology	3	
ARCH 509	Topics in Advanced Technology	3	
ARCH 570	Talking TALL I	3	

ARCH 571	Talking TALL II	3
ARCH 572	Tall Building Technologies I	3
ARCH 573	Tall Building Technologies II	3
Electives		**(15)**
Select a minimum of 15 credit hours of architecture electives.		15
Total Credit Hours		**96**

[1] ARCH 502 and ARCH 503 may be taken multiple times.

[2] ARCH 570-573 may require program permission to register.

Master of Architecture with Advanced Standing

Code	Title	Credit Hours
Required Courses		**(36)**
ARCH 501	Contemporary Architecture	3
ARCH 508	Design Communications III	3
ARCH 513	Mechanical and Electrical Building Systems for Architects I	3
ARCH 514	Mechanical and Electrical Building Systems for Architects II	3
ARCH 543	Architecture Studio III: Living in the City	6
ARCH 544	Architecture Studio IV: Working in the City	6
ARCH 545	Architecture Studio V: Advanced	6
ARCH 546	Architecture Studio VI: Advanced	6
Required Architectural Technology Electives		**(6)**
Select a minimum of 6 credits from the following: [1]		6
ARCH 480	Materials and Construction	3
ARCH 482	Material: Fibrous	3
ARCH 483	Material: Transparent	3
ARCH 485	Structures I: Structural Analysis -- The System	3
ARCH 486	Structures II: Building Design	3
ARCH 488	Long-Span and Special Structures	3
ARCH 489	Structural Systems for Tall Buildings and Long-Span Structures	3
ARCH 494	Topics in Advanced Technology	3
ARCH 509	Topics in Advanced Technology	3
ARCH 570	Talking TALL I	3
ARCH 571	Talking TALL II	3
ARCH 572	Tall Building Technologies I	3
ARCH 573	Tall Building Technologies II	3
Required Architectural History/Theory/Culture Electives		**(9)**
Select a minimum of 9 credits from the following: [2]		9
ARCH 445	The Prairie School	3
ARCH 446	History of Landscape Architecture	3
ARCH 456	Topics in Modernism	3
ARCH 470	Image City: Mediation of Space	3
ARCH 473	Conflict and Time	3
ARCH 491	Topics in Architecture History & Theory	1 to 6
ARCH 500	Global Modernism	3
ARCH 502	Advanced Topics in History and Theory I	3
ARCH 503	Advanced Topics in History and Theory II	3
ARCH 520	Introduction to Urbanism	3
Required Architectural Practice Elective		**(3)**
Select a minimum of 3 credits from the following:		3
ARCH 560	Integrated Building Delivery Practice/BIM	3

ARCH 561	Entrepreneurship and Innovation in Architecture	3
ARCH 562	Planning Law and Land Policy	3
ARCH 563	Introduction to Real Estate Finance Fundamentals	3
ARCH 564	Comprehensive Opportunity Assessment and Entrepreneurship Development Project/Practicum	6
ARCH 565	Construction and Project Management	3
ARCH 566	Entrepreneurial Design: Sector Studies/Case Studies	3
ARCH 568	Architectural Practice	3
ARCH 569	Self-Management and Leadership	3
BUS 510	Strategic Management	3
MBA 501	Financial Statement Applications	3
MBA 506	Leadership and Organization Design	3
Electives		**(6)**
Select a minimum of 6 credit hours of architecture electives.		6
Total Credit Hours		**60**

[1] ARCH 570-573 may required program permission to register.

[2] ARCH 491, ARCH 502, and ARCH 503 may be taken multiple times.

Master of Architecture Curriculum

Semester 1	Credit Hours	Semester 2	Credit Hours
		Year 1	
ARCH 500	3	ARCH 485	3
ARCH 506	3	ARCH 501	3
ARCH 513	3	ARCH 507	3
ARCH 541	6	ARCH 542	6
	15		**15**
		Year 2	
ARCH 486	3	ARCH 503 or 502	3
ARCH 505	3	ARCH 514	3
ARCH 508	3	ARCH 544	6
ARCH 520	3	ARCH 568	3
ARCH 543	6	Materials Elective[1]	3
	18		**18**
		Year 3	
ARCH 545	6	ARCH 546	6
ARCH 502 or 503	3	Architecture Elective	3
Architecture Elective	3	Architecture Elective	3
Architecture Elective	3	Architecture Elective	3
	15		**15**

Total Credit Hours: 96

[1] Choose one of ARCH 480, ARCH 482, ARCH 483, ARCH 488, ARCH 489, ARCH 494, ARCH 509, ARCH 570, ARCH 571, ARCH 572, or ARCH 573. ARCH 570-573 may require program permission to register.

Master of Architecture with Advanced Standing Curriculum

	Year 1		
Semester 1	**Credit Hours**	**Semester 2**	**Credit Hours**
ARCH 508	3	ARCH 501	3
ARCH 513	3	ARCH 514	3
ARCH 543	6	ARCH 544	6
Architectural Technology Elective	3	Architectural Technology Elective	3
	15		**15**
	Year 2		
Semester 1	**Credit Hours**	**Semester 2**	**Credit Hours**
ARCH 545	6	ARCH 546	6
Architectural History/Theory/Culture Elective	3	Architectural History/Theory/Culture Elective	3
Architectural History/Theory/Culture Elective	3	Architectural Practice Elective	3
Architecture Elective	3	Architecture Elective	3
	15		**15**

Total Credit Hours: 60