

# DOCTOR OF PHILOSOPHY IN ARCHITECTURE

IIT's College of Architecture offers the only program leading to a PhD in Architecture in Chicago, a cosmopolitan metropolis characterized by a dynamic architectural culture, supportive research institutions and leading firms that drive the profession.

Founded in the late 1990s as a laboratory for applied research and scholarship, the PhD program attracts graduate students from the Americas, Asia, Europe and Africa who converge onto the landmarked, Mies-designed IIT campus to address a broad range of topics within a multidisciplinary and interdisciplinary environment. The students enrolled in the PhD program explore the historic and contemporary intersections among Architecture, Culture & Technology through two areas of specialized research: History, Theory, and Criticism (HTC), and Technologies of the Built Environment (TBE). In this context Chicago and Midwestern architecture, infrastructure, landscape, and urbanism, are at the center of applied research and scholarly inquiry. Students are engaged in research including energy modeling, housing, landscape, urbanism, and the design and history of tall buildings.

Graduates of IIT's PhD Program typically pursue academic careers in universities, obtain positions in research institutions or return to professional practice.

## ADMISSION REQUIREMENTS

An applicant to the doctoral program must hold a professional degree (B. Arch or M. Arch or M.L.A.) from a NAAB or LAAB accredited U.S. University or the equivalent. Applicants who have not completed the required professional degree may apply for the Master of Architecture. Applicants with only a B.Arch need to complete a Master of Science in Architecture to fulfill the first 32 credit hours of the 84 total PhD credit hours.

The applicant should meet all entrance requirements of IIT's Graduate College, plus a minimum cumulative grade point average of 3.5 on a 4.0 scale, a minimum revised GRE score of 144 in quantitative reasoning, 153 in verbal reasoning, and analytical writing of 4.0, and a TOEFL score of 577/90 (paper based/internet based test), or a minimum IELTS score of 6.

## MILESTONES

Qualifying Exam and Program of Study deadline- end of the 2nd semester (18 credits)  
Comprehensive exam (Dissertation Proposal) - end of the 4th semester (36 credits)

## FUNDING

Limited funding opportunities are available in the forms of tuition waivers, teaching assistantships, and Design Research Fellowships with prominent international firms with local offices. A limited number of international exchange program opportunities are available for advanced PhD students.

## APPLICATION REQUIREMENTS

\$60 non-refundable application fee; Original official transcripts; Graduate Record Examination (GRE) scores; 2 Letters of Recommendation; Portfolio; 3 Samples of Academic Writing; Statement of Purpose (Professional Statement); English Proficiency Exam (TOEFL/IELTS) scores

## IIT ARCHITECTURE CHICAGO

### MASTER OF ARCHITECTURE (M.ARCH.)

The NAAB-accredited, M.Arch. can be tailored for those with or without a Bachelor of Architecture by applying for one year advanced standing or taking the full three year sequence. The curriculum includes architectural history and theory, building technologies, structures, representation, professional practice, and design studios of increasing complexity from basic elements, to buildings, to the city.

### MASTER OF SCIENCE IN ARCHITECTURE (M.S.ARCH.)

A research-oriented post-professional degree, the M.S.Arch program focuses on developing new and better models for shaping socially, culturally, and ecologically sustainable environments. The program positions its investigations in the liminal space between emerging forms of urbanization and existing concepts of architecture, landscape, and cities.

### MASTER OF LANDSCAPE ARCHITECTURE (M.L.A.)

The LAAB-accredited M.L.A. is the only professional landscape architecture degree offered in Chicago, a city renowned for urbanism and landscape architecture. Our M.L.A. prepares design professionals from many backgrounds to lead the understanding, organization, reclamation and re-imagining of our cities to meet the challenges posed by population growth, changing climate, and depletion of natural resources.

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 College of Architecture  
ILLINOIS INSTITUTE OF TECHNOLOGY

# DOCTOR OF PHILOSOPHY IN ARCHITECTURE

2016 CURRICULUM

# IIT ARCHITECTURE CHICAGO

## History, Theory, & Criticism (HTC) Curriculum

Below are the required courses for the History, Theory, and Criticism (HTC) specialization and include 18 credit hours of required courses, 18 credit hours of PhD elective courses, and 16 credit hours of doctoral research. Suggested PhD Electives: ARCH 497 Architecture Becomes Public, ARCH 456 Topics in Modernism: Materials and Materiality in Modern Architecture, ARCH 570 Talking Tall & LA 497 The Natural History of Cities.

1ST FALL SEMESTER	HRS.	1ST SPRING SEMESTER	HRS.
ARCH 601 Doctoral Methodology-Seminar	3	ARCH 501 Contemporary Architecture	3
ARCH 500 Global Modernism	3	PhD ARCH Elective/ARCH 597 Special Problems	3
PhD ARCH Elective/ARCH 597 Special Problems	3	PhD ARCH Elective/ARCH 597 Special Problems	3
ARCH 595 Architecture Research Forum	0	ARCH 595 Architecture Research Forum	0
Total Hours	9	Total Hours	9
		Milestone: Qualifying Exam	
<b>2ND FALL SEMESTER</b>		<b>2ND SPRING SEMESTER</b>	
ARCH 602 Crafting a Dissertation	3	ARCH 503 Advanced Topics in History & Theory II	3
ARCH 502 Advanced Topics in History & Theory I	3	PhD ARCH Elective/ARCH 597 Special Problems	3
PhD ARCH Elective/ARCH 597 Special Problems	3	PhD ARCH Elective/ARCH 597 Special Problems	3
ARCH 595 Architecture Research Forum	0	ARCH 595 Architecture Research Forum	0
Total Hours	9	Total Hours	9
		Milestone: Comprehensive Exam	
<b>3RD &amp; 4TH FALL SEMESTER</b>		<b>3RD &amp; 4TH SPRING SEMESTER</b>	
ARCH 691 Doctoral Research	*	ARCH 691 Doctoral Research	*
		TOTAL COURSEWORK CREDIT HOURS	36
		TOTAL RESEARCH CREDIT HOURS	16
		TOTAL DEGREE CREDIT HOURS	52

## Technologies of the Built Environment (TBE) Curriculum

Below are the required courses for the Technologies of the Built Environment (TBE) specialization which will include 6 credit hours of core courses; 6 credit hours chosen from a list of required elective courses, depending on the student's dissertation research interests; another 16 credit hours of any elective selected within the student's dissertation research interests; and 24 credit hours of doctoral research. Suggested PhD electives: ARCH 456 Topics in Modernism: Materials and Materiality in Modern Architecture, ARCH 487 Eco Systems, ARCH 497 Chicago Skyscraper & ARCH 570 Talking Tall.

1ST FALL SEMESTER	HRS.	1ST SPRING SEMESTER	HRS.
ARCH 601 Doctoral Methodology Pre-Seminar	3	PhD ARCH Elective/ARCH 597 Special Problems	3
CAE 513 Building Science	3	PhD ARCH Elective/ARCH 597 Special Problems	3
ARCH 595 Architecture Research Forum	0	ARCH 595 Architecture Research Forum	0
PhD TBE Elective	3	PhD TBE Elective	3
Total Hours	9	Total Hours	9
		Milestone: Qualifying Exam	
<b>2ND FALL SEMESTER</b>		<b>2ND SPRING SEMESTER</b>	
PhD ARCH Elective/ARCH 597 Special Problems	3	PhD ARCH Elective/ARCH 597 Special Problems	3
PhD ARCH Elective/ARCH 597 Special Problems	4	PhD ARCH Elective/ARCH 597 Special Problems	3
ARCH 595 Architecture Research Forum	0	ARCH 595 Architecture Research Forum	0
Total Hours	7	Total Hours	6
		Milestone: Comprehensive Exam	
<b>3RD &amp; 4TH FALL SEMESTER</b>		<b>3RD &amp; 4TH SPRING SEMESTER</b>	
ARCH 691 Doctoral Research	*	ARCH 691 Doctoral Research	*
		TOTAL COURSEWORK CREDIT HOURS	28
		TOTAL RESEARCH CREDIT HOURS	24
		TOTAL DEGREE CREDIT HOURS	52

\*Enrollment in doctoral research credit will force a student to full-time status.