MASTER OF ARCHITECTURE

IIT Architecture's M.Arch. first professional degree serves those students seeking a rigorous professional education. The curriculum of required and elective courses consist of design studios, architectural history and theory, building technologies, structures, representation, and professional practice. Design studios, which are at the heart of the program, follow a sequence of increasing complexity, proceeding from the basic elements of architecture, to buildings, and finally to the city. In the introductory period of the program, students are exposed to the fundamental elements of architecture and aspects of the profession. The history and theory of architecture are introduced as students develop skills of verbal, graphic and written communication. The second year of the program continues to develop the students’ skills while engaging them with issues of contemporary architecture and urbanism in design studios and related coursework that focus on the architectural and infrastructural elements that comprise the city. The final year of the architecture programs introduces students to urban design in research-based, forward-looking studios that speculate on the city of the future and related coursework on the city and global urbanism. The degree is accredited by the National Architectural Accreditation Board (NAAB), and is a necessary component for licensure in the field.

ADVANCED STANDING
Candidates who hold a minimum B.S. in Architecture, or an equivalent pre-professional architecture degree, that partially fulfills requirements may qualify for up to one year of advanced standing in the professional degree program. Candidates will be evaluated at the discretion of the Admissions Committee will be notified of their specific status upon admission. Admission with Advanced Standing may allow the candidate to complete the Master of Architecture degree in as few as two years (four semesters) and a minimum of 66 credit hours, depending on prior preparation. For applicants with undergraduate degrees in architecture, the portfolio is the single most important component of your application. Project selection should be heavily skewed towards large-scale comprehensive design projects developed across several scales. Mastery of structural design, familiarity with advanced building technologies, and thorough knowledge of building practices should be clearly communicated.

CURRICULUM AND ADMISSION REQUIREMENTS
To be admitted without conditions to the M.Arch. 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 college level physics course equivalent to IIT’s PHYS 212;
2) an understanding of basic mathematical principles and analytical procedures, including algebra, geometry, and trigonometry, as demonstrated through the successful completion of college-level mathematics equivalent to IIT’s MATH 122;
3) a basic ability to produce freehand drawings of architectural forms and spaces, as demonstrated through 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) a minimum of 45 semester hours (or the quarter hour equivalent) outside of architectural studies, either as general studies or electives with content outside of architecture.

Candidates admitted with deficiencies in any of these prerequisites must fulfill them before matriculation. Students with a background outside of the area of architecture may be asked to complete an introductory studio prior to the start of classes. Prerequisite courses do not apply to program credit hours, nor are English language courses required for international students. Applicants must have a college grade point average of 3.0 on a 4.0 scale.
## Curriculum

### 1ST YEAR FALL (ELEMENTS)
- ARCH 541 Architecture Studio I: 6 HRS.
- ARCH 506 Design Communications I: 3 HRS.
- ARCH 500 Global Modernism: 3 HRS.
- ARCH 485 Structural Analysis: The System: 3 HRS.

Total Hours: 15

### 1ST YEAR SPRING (HOUSE)
- ARCH 542 Architecture Studio II: 6 HRS.
- ARCH 507 Design Communications II: 3 HRS.
- ARCH 501 Contemporary Arch: 3 HRS.
- ARCH 486 Building Design: 3 HRS.
- Architecture Elective: 3 HRS.

Total Hours: 18

### 2ND YEAR FALL (NEIGHBORHOOD)
- ARCH 543 Architecture Studio III: 6 HRS.
- ARCH 508 Design Communications III: 3 HRS.
- ARCH 520 Intro to Urbanism: 3 HRS.
- ARCH 513 Mechanical and Electrical Building Systems I: 3 HRS.
- ARCH 505 Urban Ecology: 3 HRS.

Total Hours: 18

### 2ND YEAR SPRING (INSTITUTION)
- ARCH 544 Architecture Studio IV (CBD): 6 HRS.
- ARCH 502/3 Advanced History/Theory: 3 HRS.
- ARCH 568 Architectural Practice: 3 HRS.
- ARCH 514 Mechanical and Electrical Building Systems II: 3 HRS.
- Materials Elective: 3 HRS.

Total Hours: 18

### 3RD YEAR FALL (METROPOLIS)
- ARCH 545 Cloud Studio: 6 HRS.
- ARCH 502/3 Advanced History/Theory: 3 HRS.
- ARCH 560/1/2/3/5 Pro Practice: 3 HRS.
- Architecture Elective: 3 HRS.
- Architecture Elective: 3 HRS.

Total Hours: 18

### 3RD YEAR SPRING (METROPOLIS)
- ARCH 546 Cloud Studio: 6 HRS.
- Architecture Elective: 3 HRS.
- Architecture Elective: 3 HRS.
- Architecture Elective: 3 HRS.

Total Hours: 15

**TOTAL CREDIT HOURS**
- First Year: 36
- Second Year: 39
- Third Year: 39
- Total: 105

## Advanced Standing

### 1ST YEAR FALL (NEIGHBORHOOD)
- ARCH 543 Architecture Studio III: 6 HRS.
- ARCH 508 Design Communications III: 3 HRS.
- ARCH 485 Structural Analysis: The System: 3 HRS.
- ARCH 500 Global Modernism: 3 HRS.
- ARCH 513 Mechanical and Electrical Building Systems I: 3 HRS.

Total Hours: 18

### 1ST YEAR SPRING (INSTITUTION)
- ARCH 544 Architecture Studio IV (CBD): 6 HRS.
- ARCH 501 Contemporary Arch: 3 HRS.
- ARCH 486 Building Design: 3 HRS.
- ARCH 568 Architectural Practice: 3 HRS.
- ARCH 514 Mechanical and Electrical Building Systems II: 3 HRS.

Total Hours: 18

### 2ND YEAR FALL (METROPOLIS)
- ARCH 545 Cloud Studio: 6 HRS.
- ARCH 520 Intro to Urbanism: 3 HRS.
- ARCH 560/1/2/3/5 Pro Practice: 3 HRS.
- Architecture Elective: 3 HRS.

Total Hours: 15

### 2ND YEAR SPRING (METROPOLIS)
- ARCH 546 Cloud Studio: 6 HRS.
- ARCH 502/3 Advanced History/Theory: 3 HRS.
- Architecture Elective: 3 HRS.
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