# M.Arch: Master of Architecture

## Program Description:

The Master of Architecture (M.Arch) is a two-year program designed for individuals who hold a pre-professional baccalaureate degree in architecture or a professional architecture degree from an international university, or the equivalent in professional experience. The curriculum aims to provide flexibility and individualized courses of study for students with different backgrounds and with different ambitions. A careful evaluation of previous coursework and professional experience for each student determines the minimum course requirements for each student to achieve professional standards (including NAAB SPC’s) by graduation. Students may apply to "Opt Out" of coursework they have mastered previously.

## Program Requirements:

Students can pursue specialty coursework associated with other SoA masters programs, potentially reducing the time/expense of also obtaining a SoA post-professional degree.

In addition to the standard requirements for all graduate students in the SoA, students in the M.Arch program must satisfy the following:

- **Students must complete a minimum of 180 units of coursework and a minimum residency of four (4) academic semesters at full-time status (minimum 36 units per semester).**
- **Coursework taken during the summer at CMU or at other institutions may be used to satisfy SPC, but do not reduce the residency requirement.**
- **All course substitutions must be approved by the program Track Chair.**

## Course List:

### 1. Fall 2nd Year (45 units)

- **Studio:**
  - Master's Studio: Integration I: Environment, Form & Feedback (18)

### 2. Spring 2nd Year (45 units)

- **Studio:**
  - Master's Studio: Integration II: Advanced Construction (18)

### 3. Fall 3rd Year (45 units)

- **Studio:**
  - Advanced Synthesis Option (ASO) Studio (18)

### 4. Spring 3rd Year (45 units)

- **Studio:**
  - Advanced Synthesis Option (ASO) Studio or M.Arch Thesis Studio (18)

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### Prof & Tech Courses:

- Architectural Theory (9)
- Materials & Assembly (9)
- Environmental Science 1: Climate & Energy (9)

### Elective Studies:

- Architectural Theory (9)
- Materials & Assembly (9)
- Environmental Science 1: Climate & Energy (9)

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### Prof & Tech Courses 1:

- Modern Architecture (9)
- Statics/Structures (9)
- Real Estate Design & Development (6~9)

### Elective Studies:

- Electives
- M.Arch Pre-Thesis (3)

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### Prof & Tech Courses 1:

- Environmental Science 2: Building Systems Integration (9)
- Computational Design Selective (9)

### Elective Studies:

- Electives
- M.Arch Thesis Seminar (9)

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### Summer Online: (3 units)

- Digital Skills Workshops (3)

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**Footnotes:**

1. If previous work meets our standards, students may apply for exemptions from coursework listed, though not a reduced total unit count.
2. The Real Estate Design & Development course can also be taken as a graduate course in semester 3 for 9~12 units.
3. One computational design selective must be taken in any one of the 4 semesters of the program e.g. FoCD, GenMod, Design Fabrication, ITAR. See your adviser for a current list.

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23 November 2020