

M.ARCH

Master of Architecture | Pre-Professional Degree + 180 CMU Units



1 Fall 1st Year (min. 45 units)

Studio:

M.Arch Studio: Praxis I (18 units)

Prof & Tech Courses 1:

Architectural Theory 4 (6-9)

Generative Modelling (9)

Environmental Science 1:
Climate & Energy (9)

Grad. Seminar:
Situating Research (3)

Summer Online:

Design Skills Workshops (3)

2 Spring 1st Year (min. 45 units)

Studio:

M. Arch Studio: Praxis 2 (18)

Prof & Tech Courses 1:

Materiality & Construction Systems (9)

Statics & Structures (9)

Real Estate for Architects 2 (6)

Modern Architectural History (9)

Elective Studies:

Electives

M.Arch Pre-Thesis 4 (3)

3 Fall 2nd Year (min. 45 units)

Studio:

Advanced Synthesis Option
(ASO) Studio (18)

Prof & Tech Courses 1:

Environmental Science 2:
Building Systems Integration (9)

Computational Design Selective 3 (3+)

Design Ethics Selective 3 (3+)

Elective Studies:

Electives

M.Arch Thesis Seminar 4 (9)

4 Spring 2nd Year (min. 45 units)

Studio:

Advanced Synthesis Option (ASO)
Studio, or
M.Arch Thesis Studio 4 (18)

Prof & Tech Courses 1:

Issues of Practice (IoP) (6)

Ethics & Decision Making (6)

Elective Studies:

Electives

Program Description:

CMU's Master of Architecture (M.Arch) is a studio-based, 1st professional degree program to educate tomorrow's leaders in architecture-related careers. It combines CMU's long tradition of educating architects in the broad core competencies needed to become practicing professionals, with the opportunity to engage with SoA's cutting-edge expertise in sustainable, computational, and urban design. Students combine core and optional studies, and engage in interdisciplinary or in highly specialized research and speculation. Our program's strategically small size allows students to shape their individual agendas as they interact directly with leading-edge faculty and projects in the school, community and around the world.

Program Requirements:

This is a two-year, NAAB-accredited 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.

Students can pursue specialty coursework associated with other SoA masters programs, potentially reducing the time/expense of obtaining another 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 course work 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 of professional nature and approved by the program Track Chair.

Footnotes:

- 1) If previous work meets our standards, students may apply to "Opt Out" of coursework listed here, though not a reduced total unit count.
- 2) Students may also choose to take the more advanced "Graduate Real Estate Development" course in the Fall semester for 9-12 units.
- 3) At least one computational design selective and one design ethics selective must be taken in any one of the 4 semesters for a minimum of 3 units each. See Track-Chair for a current list.
- 4) A one semester Thesis Studio is optional. All students considering Thesis should begin discussions in the Architectural Theory course, and must enroll in the required suite of pre-thesis and thesis prep courses in semesters 2,3.