M.Arch
Master of Architecture | Pre-professional Degree + 180 CMU units

Program Description:
The Master of Architecture (M.Arch) is a studio-based, professional degree program, accredited by the National Architectural Accrediting Board (NAAB) to educate tomorrow’s leaders in architecture and related careers. It engages with the very forefront of disciplinary and transdisciplinary questions that locate architectural thinking and design ethics at the intersection of the pressing issues of our time—Climate change and its impending challenges of ecological thinking in the Anthropocene; Social justice and the need for an intersectional politics to frame questions of equity and inclusion; and finally, Technology and the role of architecture in considering the creation of a posthuman society. 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:
In addition to the standard requirements for all graduate students at CMU SoA, students in the M.Arch program must satisfy the following:

- **Residency:** A four semester full term residency requirement is mandated. Full term entails a minimum 36 units per semester. Coursework taken during the summer at CMU or at other institutions, may be used to satisfy program requirements, but not reduce residency.
- **Units:** Students must complete, at passing level, a minimum of 180 academic units to graduate.
- **Opt-outs:** If previous course work meets standards of equivalency, students may apply to “Opt-out” of certain courses listed here. For all Opt-out related terms and procedures see M.Arch Canvas Portal. Opt-out Process. All course substitutions must be of professional nature and approved by the program Track Chair.

- **Course Selectives:** Selectives are offered in each of the three pedagogical streams: Fundamentals, Design Ethics and Research. Out of the three selectives students must take at least one selective in Design Ethics and one in Design Ethics. See offered Course Selectives [here](https://example.com). Free electives can be taken anywhere at CMU with the approval of your advisor.
- **Thesis:** A one semester Thesis Studio is optional. All students considering Thesis are required to follow the Thesis Track and must enroll in the required suite of Pre-Thesis and Thesis Seminar courses in semesters 2 and 3.
- **Summer Internship:** All students are encouraged to seek architecture-related internships, jobs, or research opportunities during the summer. International students must register for the 48-695 Internship Course to qualify for Curricular Practical Training (CPT). Further details per M.Arch Canvas Portal: Internship Career CPT.

Class of 2024

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**FUNDAMENTALS**
- Studio Sequence (72)
- Computation Sequence (12)
- Building Tech. Sequence (36)
- Fundamentals Selective (3+)

**DESIGN ETHICS**
- History & Theory Sequence (18)
- Practice Sequence (18)
- Design Ethics Selective (3+)

**RESEARCH**
- Research Methods (3)
- Optional Thesis Track (30)
- Design Research Selective (3+)

**FREE ELECTIVES**

**ELECTIVES**

**REQUIRED FUNDAMENTALS/ ETHICS/ RESEARCH SELECTIVE (3+)**
- Praxis-1 Studio (18)
- Design Skills Workshop (3) (Summer Online)
- Generative Modelling (9)
- Environment Science-1 Climate & Energy (9)
- Materiality & Construction Systems (9)
- Statics & Structures (9)
- ENVIRONMENTAL SCIENCE-2 Building Systems Integration (9)

**REQUIRED DESIGN ETHICS SELECTIVE (3+)**
- Architectural Theory (6/9)
- Modern Architectural History (6/9)
- Ethics & Decision Making in Architecture (6)
- Architecutural Agency Discourses & Case Studies (6/9)
- Real Estate for Architects (6)

**REQUIRED RESEARCH SELECTIVE (3+)**
- Pre-Thesis (3) (Required for Thesis Track)
- Thesis Seminar (9) (Required for Thesis Track)
- M.Arch Thesis Studio (Required in lieu of ASOS Studio) (18)

**ISSUES OF PRACTICE (6)**

*Issued: 09/05/2022*