

## Class of 2022

		1 Fall 1st Year	2 Spring 1st Year	3 Fall 2nd Year	4 Spring 2nd Year
		180 units min			
		48 units required (45min-54max)	48 units required (45min-57max)	33 units required (45min-57max)	30 units required (45min-57max)
FUNDAMENTALS (120 units min.)	STUDIO SEQUENCE (72)	PRAXIS-1 STUDIO (18)	PRAXIS-2 STUDIO (18)	ADVANCED SYNTHESIS OPTION STUDIO (18)	ADVANCED SYNTHESIS OPTION STUDIO OR M.ARCH THESIS (18)
	COMPUTATION SEQUENCE (12)	DESIGN SKILLS WORKSHOP (3) <i>(Summer Online)</i>			
	BUILDING TECH. SEQUENCE (36)	GENERATIVE MODELLING (9)	MATERIALITY & CONSTRUCTION SYSTEMS (9)		
	FUNDAMENTALS SELECTIVE (3+)	ENVIRONMENTAL SCIENCE-1 Climate & Energy (9)	STATICS & STRUCTURES (9)	ENVIRONMENTAL SCIENCE-2 Building Systems Integration (9)	
		REQUIRED FUNDAMENTALS/ ETHICS/ RESEARCH SELECTIVE (3+)			
DESIGN ETHICS (39 units min.)	HISTORY & THEORY SEQUENCE (18)	ARCHITECTURAL THEORY (6/9)	MODERN ARCHITECTURAL HISTORY (6/9)	ARCHITECTURAL AGENCY Discourses & Case Studies (6/9)	
	PRACTICE SEQUENCE (18)		ETHICS & DECISION MAKING IN ARCHITECTURE (6)		REAL ESTATE FOR ARCHITECTS (6)
					ISSUES OF PRACTICE (6)
	DESIGN ETHICS SELECTIVE (3+)	REQUIRED DESIGN ETHICS SELECTIVE (3+)			
RESEARCH (6 units min.)	RESEARCH METHODS (3)	SITUATING RESEARCH (3)			
	OPTIONAL THESIS TRACK (30)		PRE-THESIS (3) <i>(Required for Thesis Track)</i>	THESIS SEMINAR (9) <i>(Required for Thesis Track)</i>	M.ARCH THESIS STUDIO <i>(Required in lieu of ASOS Studio) (18)</i>
	DESIGN RESEARCH SELECTIVE (3+)	REQUIRED RESEARCH SELECTIVE (3+)			
FREE ELECTIVES (15 units min.)		ELECTIVES			

## 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 impeding 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 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:

This 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 aligns closely with the Pedagogies conversations at CMU SoA to offer courses in three simultaneous tracks: Fundamentals, Design Ethics and Research. A careful evaluation of previous coursework and professional experience for each student determines the minimum course requirements for each student to achieve professional standards by graduation (including NAAB Program and Student Criteria).

All M.Arch students must enroll into the [M.Arch Canvas Portal](#) at the time of registration and stay enrolled for the duration of the program.

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 a minimum of 180 units minimum 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:** At least one Design Fundamentals, Design Ethics, and Design Research Selective must be taken for a minimum of 3 units each (totaling a minimum of 9 units in each track). Most Selectives are offered for 6-9 units. See offered Course Selectives [here](#). 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](#).