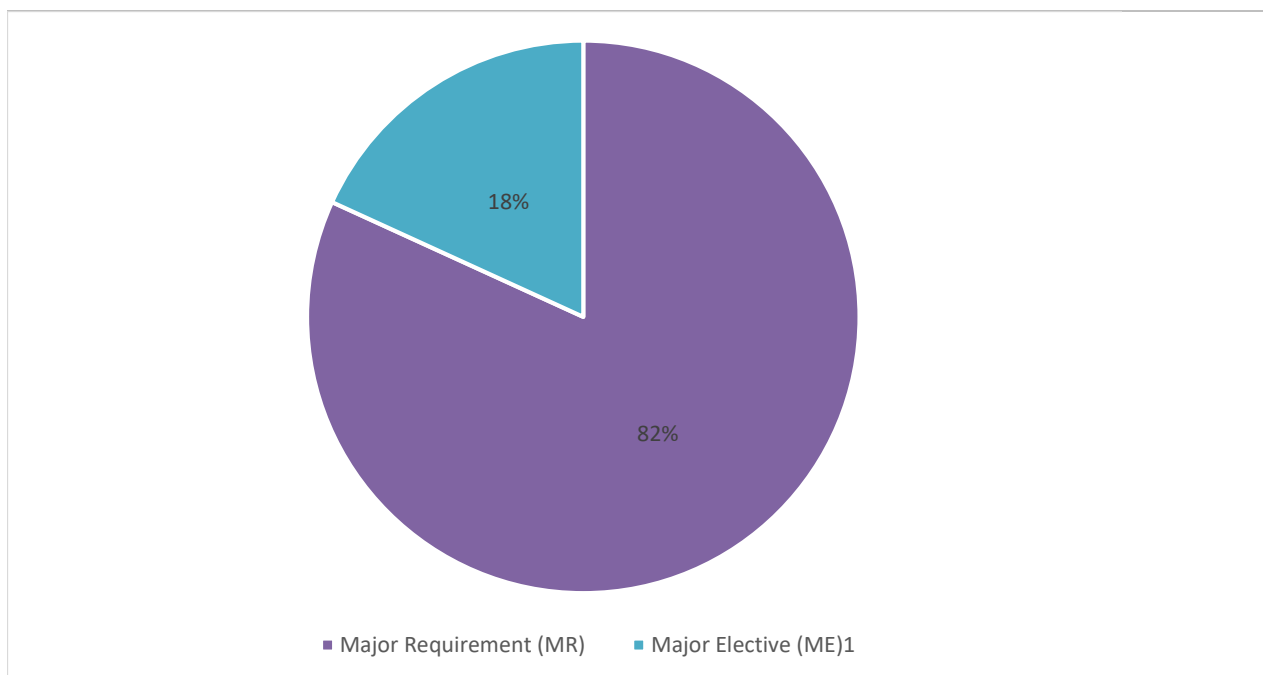


Master of Architecture 2025

Program Components



Major Requirement (MR) 27

Major Elective (ME)¹ 6

Total Credit (CRD) 33

¹ Student must select two (ARCH 62X) courses from Major Elective (ME) List. This subject to the courses offered each year by the department.

Detailed Study Plan

Year 1 - Semester 1

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH 610	Architecture Phenomena	3	0	3	MR	None	Y
ARCH 611	Design & Community	3	0	3	MR	None	Y
ARCH 612	Research Methods	3	0	3	MR	None	Y
ARCH 614	Sustainable Built Environment	3	0	3	MR	None	Y
	Total	12	0	12			

Year 1 - Semester 2

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH 620	Pre-Thesis	3	0	3	MR	None	Y
ARCH 622	Professional Practice	3	0	3	MR	None	Y
ARCH 62X	Elective 1	3	0	3	ME	None	Y
ARCH 62X	Elective 2	3	0	3	ME	None	Y
	Total	12	0	12			

Year 2 - Semester 3

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH 630	Thesis	0	18	6	MR	24 CH	Y
ARCH 632	Advanced Technologies in Built Environment	3	0	3	MR	None	Y
	Total	3	18	9			
	Total Credit Hours	27	18	33			

Major Elective Courses

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH 624	International Architecture and Global Practices	3	0	3	ME	None	Y
ARCH 625	Experiential Design and Spatial Psychology	3	0	3	ME	None	Y
ARCH 626	Disaster Resilience and Emergency Architecture	3	0	3	ME	None	Y
ARCH 627	Architectural Education and Pedagogy	3	0	3	ME	None	Y
ARCH 628	Heritage and Conservation	3	0	3	ME	None	Y

Course Description

Course Code: ARCH 610

Course Title: Architecture Phenomena

This course delves into the exploration of architecture as the creation of spaces and places that evoke sensory experiences and anchor individuals within their lived environment. Through a phenomenological lens, students will examine the philosophical underpinnings and experiential aspects of architecture, considering themes such as embodiment, perception of space and time, and the relationship between architecture and memory. Students will explore how architecture shapes human experience and perception, drawing from readings, discussions, and assignments to engage with key phenomenological concepts. By critically analyzing design principles and theories, students will apply phenomenological perspectives to architectural analysis and design, fostering a deeper understanding of the intricate interplay between built environments and lived experiences.

Course Code: ARCH 611

Course Title: Design & Community

Explores the intersection of architecture with social, cultural, and environmental contexts, emphasizing the role of designers in creating inclusive, equitable, and sustainable built environments. Through a multidisciplinary approach, this course delves into theories and practices that address the complex dynamics of community engagement and social justice. Students will examine case studies, engage in critical discussions, and undertake research projects that prioritize collaborative processes, responsive design strategies, and the cultivation of meaningful relationships with diverse stakeholders. By fostering a deep understanding of the interconnections between design and community, students will develop the skills and perspectives necessary to become thoughtful, empathetic architects capable of positively shaping the futures of the communities they serve.

Course Code: ARCH 612

Course Title: Research Methods

This course proposes quantitative and qualitative research methods related to built environment professions. Research paradigms for design research will be thoroughly examined. The course aims to equip master's students with a comprehensive understanding of the methodologies and techniques essential for investigating complex issues related to the built environment. Through a combination of lectures and practical assignments, students will learn how to design, conduct, analyze, and present research effectively.

Course Code: ARCH 614

Course Title: Sustainable Built Environment

Explores the intersection of the built environment and sustainability. Through a blend of theoretical discussions, case studies, and research, students will delve into the principles and practices of creating built environments that prioritize environmental, social, and economic sustainability. Topics covered include green building design strategies, renewable energy integration, passive design techniques, sustainable materials selection, and the assessment of environmental impacts. Emphasizing both the technical aspects and the broader societal implications, this course equips students with the knowledge and skills necessary to become leaders in designing sustainable, resilient, and equitable built environments for the future.

Course Code: ARCH 620

Course Title: Pre-Thesis

This course equips master's students in the built environment with essential skills for dissertation research. It focuses on developing a research proposal addressing a significant issue within their specialization, covering qualitative and quantitative methods, literature reviews and proposal writing. Students conclude by presenting and defending their research proposals in a formal examination.

Course Code: ARCH 622

Course Title: Professional Practice

This course proposes the professional practice of architect - researchers; research grant application writing, ethics, plagiarism, research paper publication, conference attendance and presentation, collaboration and setting up research labs and other specialized architectural practices.

Course Code: ARCH 624

Course Title: International Architecture and Global Practices

A course that examines architecture from a global perspective, including comparative studies of architectural traditions, international case studies, cross-cultural design considerations, and global architectural trends.

Course Code: ARCH 625

Course Title: Experiential Design and Spatial Psychology

A course that explores the psychological aspects of architectural design, human perception of space, wayfinding, environmental psychology, and the creation of immersive spatial experiences.

Course Code: ARCH 626

Course Title: Disaster Resilience and Emergency Architecture

Course addressing strategies for designing resilient buildings and communities that can withstand natural disasters, including earthquake-resistant design, flood mitigation, and post-disaster reconstruction.

Course Code: ARCH 627

Course Title: Architectural Education and Pedagogy

Course geared towards preparing students for careers in architectural education, covering curriculum development, teaching methodologies, studio pedagogy, and the role of research in academia.

Course Code: ARCH 628

Course Title: Heritage and Conservation

The Heritage and Conservation course comprehensively explores the principles, theories, and practices involved in preserving cultural heritage and historic sites. Designed as an interdisciplinary study, this course delves into various aspects of heritage conservation, including architectural history, conservation theory, legal frameworks, and practical methodologies.