

Ming Chuan University Department of Urban Planning and Disaster Management
2022-2023 Master Program Course Outline

First Year				Second Year			
	course	Fall	Spring		course	Fall	Spring
Core required	Applied English I	2/2		Professional required	Environmental Design and Rebuilding	3/3	
	Applied English II		2/2/		Global Environmental Change and Ecological Urban		3/3
Professional required	Mitigation Planning and Design Practice	3/3					
	Local Disaster Management Practices		3/3				
Professional elective courses	Geographic Information System and Spatial Analysis	3/3		Professional elective courses	Special Topics in Environmental Hazards and Homeland Recovery	3/3	
	Research Methods in Architecture and Urban Planning	3/3			Politics and Economics of Disaster Spatial Issues	3/3	
	Selected Topics in Urban Design	3/3			Urban Renewal and Industrial Recovery		3/3
	Environmental Risk Assessment and Land Use	3/3			Issues on Emergency Preparedness and Response		3/3
	Resilient Urban Land Use Strategies and Planning		3/3		Case Study of International Severe Disasters		3/3
	Special Issues on Socio-economic Vulnerability and Regional		3/3				
	Emergency Management Systems and Plans		3/3				
	Seminar on the Disaster Mitigation Design for Urban Infrastructure		3/3				
	Post -Disaster Topics of Local Finance and Housing		3/3				
	Ecological City and Green Infrastructure Planning		3/3				

Graduation Requirements :

1. Students in the master program must successfully complete at least 37 credit hours for both compulsory and elective courses. For successful completion of the degree, students must pass the assessment based on skilled capabilities, thesis and verbal presentations.
2. For successful completion of the degree, the students have to accomplish (1) Performance in research: publish at least one paper in important journal or related important academic conference or international academic visiting; and (2) Performance in professional ability: participate in the exhibition of planning related departments or university-industry cooperation project, involved in disaster resilience community.
3. In accordance with the MOE standard, it is required that MCU graduate students reach the CEFR B1 English Proficiency Level before graduation (According to the school's regulations, students who need to achieve more than 550 on their TOEIC test or the one who pass the oral exam on GEPT Intermediate Test, etc.) Any student who does not reach the standard is required to complete two 2-credit Applied English courses.
4. The required electives in this course structure are also valid for the students enrolled before 2022-23 academic-years.