

Ming Chuan University Department of Urban Planning and Disaster Management
2021-2022 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	3/3		Professional elective courses	Special Topics in Environmental Hazards and Homeland Recovery	3/3	
	Writing and Methodology of Research Papers	3/3			Politics and Economics of Disaster	3/3	
	Environmental Risk Assessment and Land Use	3/3			Urban Renewal and Industrial Recovery		3/3
	Selected Topics in Urban Design	3/3			Urban Cultural Policies: Planning and Practice	3/3	
	Land Use in Resilient Cities: Strategies and Planning		3/3				
	Eco-cities and Green Infrastructure Planning		3/3				
	Special Issues on Socio-economic Vulnerability and Regional Adaptation		3/3		Issues on Emergency Preparedness and Response		3/3
	Emergency Management Systems and Plans		3/3		International major disaster case analysis		3/3
	Post -Disaster Topics of Local Finance and Housing		3/3				
	Urban Infrastructure Disaster Prevention Design		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 110 academic-years.