

Department of urban planning and disaster management Course Outline for all students entering in 2021~2022

course		credits	hours	1st year				2nd year				3rd year				4th year						
				Fall		Spring		Fall		Spring		Fall		Spring		Fall		Spring				
				C	L	C	L	C	L	C	L	C	L	C	L	C	L	C	L			
Core required courses	Chinese Literature: Appreciation And Creative Writing	4	4	2		2																
	Practical English 1-6	8	14	2	1	2	1	1	1	1	1	1	1	1	1							
	Practical English 7-8	0	4													2		2				
	General Education	12	12																			
	Physical Education 1-6	0	12	2		2		2		2		2		2								
	Applied Information Technology:OfficeSoftware	2	3	2	1																◎	
	Applied Information Technology:DataProcessing	2	3			2	1														◎	
	Service-Learning	0	1																			
	SUBTOTAL																					28
Professional required courses	Statistics	2	2	2																		
	Introduction of Urban Disaster	2	2	2																		
	Introduction to Urban Planning	2	2	2																		
	Introduction to Design	2	2	2																		
	Environmental Experience and Design Communication	2	2			2																
	Economics	2	2			2																◎
	Professional Ethics	1	1			1																
	Urban Planning Practice-I	4	4					4														
	Geographical Information Systems	2	2					2														
	Introduction to Urban Transportation and Planning	2	2					2														
	Urban Planning and Analysis	2	2					2														◎
	Land Law	2	2							2												
	Urban Planning Practice -II	4	4							4												
	Urban Sociology	2	2							2												
	Introduction to Disaster Management	2	2							2												
	Practice of Planning and Disaster Management-I	4	4										4									
	Urban Planning Law	2	2										2									
	The plan of land use and public service	2	2										2									
	Practice of Planning and Disaster Management-II	4	4												4							
	Environmental Impact Assessment	2	2												2							
	Special Topic on Hazards Mitigation	2	2												2							
Urban planning and disaster reduction practices	1	1															1					

course	credits	hours	1st year				2nd year				3rd year				4th year			
			Fall		Spring		Fall		Spring		Fall		Spring		Fall		Spring	
			C	L	C	L	C	L	C	L	C	L	C	L	C	L	C	L
Local Develop and Planning Management-I	4	4													4			
Urban construction	2	2													2			
Local Develop and Planning Management-II	4	4														4		
Conflagration and Fire Fighting Regulations	2	2														2		
SUBTOTAL	62																	
Urban Sociology	2	2	2															
Introduction to Environmental Management	2	2	2															
Ecological Planning	2	2	2															
Computer-Aided Planning Design	2	2		2														
Ethics of Urban and Environment	2	2		2														
Urban Ecology and Sustainable Development	2	2		2														
Surveying	2	2		2														
Environmental Experience and Design Communication	2	2		2														
Vulnerability Analysis	2	2				2												
Fire Department	2	2				2												
Environmental Psychology	2	2				2												
Urban History	2	2				2												
Theory of Planning and Design	2	2						2										
Landscape Design	2	2						2										
Realm and Regional Planning	2	2						2										
Production of Geographic Information Applied Software	2	2						2										
Emergency Operation Plan	2	2								2								
Public Administration	2	2								2								
Simulation of Virtual City and Communication Technology	2	2									2						©	
Urban Economics	2	2									2							
Soil Conservation and Area Development	2	2									2							
Case Studies A											2							
Urban Finance	2	2										2						
Development of Slope and Environmental Preservation	2	2											2					
Special Topic on Globalize City	2	2												2				
Urban renewal	2	2													2			
Urban space scenario and design	2	2													2			
Case Studies B															2			
course			1st year				2nd year				3rd year				4th year			

Professional elective courses

			Fall		Spring		Fall		Spring		Fall		Spring		Fall		Spring	
			C	L	C	L	C	L	C	L	C	L	C	L	C	L		
Fire Science	2	2									2							
Community Building and Urban Policy	2	2												2				
Special topics on Urban Issues	2	2												2				
International Disaster Reduction Policy	2	2												2				
Design and Inspection of Fire Safety Facilities	2	2												2				
Real estate and marketing analysis	2	2												2				
Local Recovery Planning	2	2															2	
Seminar on Environmental Change	2	2															2	
Military Training 1-2	0	2	2															
Nursing education 1-2	0	2	2															
Military Training 3-4	4	4				2		2										
Physical Education 7-8	4	4												2			2	
Subtotal Required Course Credits	90																	
Subtotal Elective Course Credits	38																	
Grand Total	128																	

Notes:

- (1) The grand total of graduation credits are 128 credits. The credits includes 28 core required course credits (embraced 12 general education credits) and 62 professional required course credits.
- (2) Students who entered in and since the 2008-09 academic year need to complete at least 12 General Education course credits. General Education courses are divided into three areas: Humanities, Social Science, and Natural Science. Each area is divided into two subcategories: core and extended. Students need to take 1 two-credit course in both of the subcategories within each area to be eligible for graduation. Only 12 course credits will be counted toward graduation. Additional course credits earned in General Education courses are not counted toward graduation. Only 12 course credits will be counted toward graduation. Additional course credits earned in General Education courses are not counted toward graduation.
- (3) Students must complete the "off-campus internship", can the practice, "Planning and Disaster Prevention Practices " Courses.
- (4) In accordance with the General Provisions for Study, undergraduate students need to satisfactorily complete Service Learning, meet the university-wide basic competencies of English, Information Technology, Chinese, and Sports, and pass the core competencies of their department to be eligible for graduation.
- (5) Students should pass basic skill assessments before their graduations, the items and requirements for these assessments are listed as following table: "Urban planning and disaster management professional skills for practice", "Capabilities of project communicating and coordinating", "Professional Certification", "Capabilities of writing a professional report", "Job market competition"
- (6) In the case of retaking required courses of the same course name but in a different department, students must have approval of the department chair.
- (7) The newly added elective courses in this academic year can be applied retroactively to students who entered before 107 academic year.
- (8) For undergraduate students at 3th and 4th year, elective course credits earned from the master program can be accounted as graduation elective course credits. Following the Rules and Regulations for the Pre-Matriculation Master's Program Course Enrollment, prior to obtaining the bachelor's degree, students can decide the aforementioned credits to be listed in undergraduate program or master program after approval. It can be applied retroactively to students who enrolled prior to 110 academic year. (10) The credits of interdisciplinary focused course program are not included in course structure diagram that can be regarded as the other department credits.