

# Tajen University two-year Graduate Program Department of Environmental Science and Occupational Hygiene / Graduateschool of Environmental Management Group Curriculum

2024 School Year

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CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	1st Academic Year				2nd Academic Year				
							1st Semester		2nd Semester		1st Semester		2nd Semester		
							Le	Lb	Le	Lb	Le	Lb	Le	Lb	
College Courses		[DPM000001] Seminar I(1 Credit)		1	2	1	2	0							
		[DPM000011]Methodology(2 Credit)		2	2	1	2	0							
		[DPM000018]Basic English(1 Credit)		1	2	1	2	0							
		[DPM000002] Seminar II(1 Credit)		1	2	1			2	0					
		[DPM000019]Advanced English(1 Credit)		1	2	1			2	0					
		[DPM000003] Seminar III(1 Credit)		1	2	1					2	0			
		[DPM000004] Seminar IV(1 Credit)		1	2	1							2	0	
		[DPM000005]Master's Dissertation(6 Credit)		6	6	1								6	0
			(Subtotal : 14 )	14	20	8	6	0	4	0	2	0	8	0	
		[DPM000008]Culture and GAP of Chinese medicine(2 Credit)		2	2	1	2	0							
		[DPM000020]Case Study in Environmental Planning and Management(2 Credit)		2	2	1			2	0					
			(Subtotal : 2 )	4	4	2	2	0	2	0	0	0	0	0	
Departmental Required Courses		[DPM070016]Advanced statistics(3 Credit)		3	3	1	3	0							
		[DPM070017]Writing Thesis(2 Credit)		2	2	1					2	0			
			(Subtotal : 5 )	5	5	2	3	0	0	0	2	0	0	0	
Departmental Elective Courses		[DPM070018]Special Topics in Occupational Safety(2 Credit)		2	2	1	2	0							
		[DPM070021]Special Topics in Human factor Engineering(2 Credit)		2	2	1	2	0							
		[DPM070026]Special Topics in Industrial and Environmental Toxicology(2 Credit)		2	2	1	2	0							
		[DPM070028]Global Environmental Change(3 Credit)		3	3	1	3	0							
		[DPM070031]Environmental Policy and Regulations(3 Credit)		3	3	1	3	0							
		[DPM070059]Special Topics in Indoor Air Quality(2 Credit)		2	2	1	2	0							
		[DPM070068]Special Topics in Environmental Chemistry(3 Credit)		3	3	1	3	0							
		[DPM070069]Environmental Management on Chemicals(3 Credit)		3	3	1	3	0							
		[DPM070072]Special Topics in Risk Assessment(3 Credit)		3	3	1	3	0							
		[NPJ070084]Special Topics in Biotechnology(2 Credit)		2	2	1	2	0							
		[DPM070022]Process Safety Management(2 Credit)		2	2	1			2	0					
		[DPM070023]Special Topics in Electrical Safety(2 Credit)		2	2	1			2	0					
		[DPM070025]Special Topics in Occupational Health(2 Credit)		2	2	1			2	0					
		[DPM070027]Special Topics in Public Health(2 Credit)		2	2	1			2	0					
		[DPM070035]Environmental and Ecological Management(3 Credit)		3	3	1			3	0					
		[DPM070057]Special Topics in the Law of Occupational Safety and Health(3 Credit)		3	3	1			3	0					
		[DPM070060]Waste Management and Resources(3 Credit)		3	3	1			3	0					
		[DPM070061]Special Topics in Environmental Engineering and Sciences(3 Credit)		3	3	1			3	0					
		[DPM070062]Control Technology in Air Pollution(3 Credit)		3	3	1			3	0					
		[DPM070037]Special Topics in Work Environmental Control Engineering(2 Credit)		2	2	1					2	0			
		[DPM070038]Special Topics in Industrial Ventilation(2 Credit)		2	2	1					2	0			
		[DPM070039]Health Risk Assessment(2 Credit)		2	2	1					2	0			
		[DPM070040]Special Topics in Construction Safety(2 Credit)		2	2	1					2	0			
		[DPM070041]Special Topics in Occupational Safety and Health Management Practices(2 Credit)		2	2	1					2	0			
		[DPM070042]Work Environmental Monitoring Lab(3 Credit)		3	3	1					3	0			
		[DPM070047]Special Topics in sustainable development and clean process(3 Credit)		3	3	1					3	0			
		[DPM070049]Climate Change Adaptation Mechanisms(3 Credit)		3	3	1					3	0			
		[DPM070065]Special Topics in Soil and Groundwater Pollution Remediation(3 Credit)		3	3	1					3	0			
		[DPM070066]Special Topics in Advanced Water Technology(3 Credit)		3	3	1					3	0			
		[DPM070071]Special Topics in Environmental Impact Assessment(3 Credit)		3	3	1					3	0			
		[DPM070043]Biological Hazard Assessment(2 Credit)		2	2	1							2	0	
		[DPM070044]Environmental and Occupational Epidemiology(2 Credit)		2	2	1							2	0	
	[DPM070050]Special Topics in Environmental Education(3 Credit)		3	3	1							3	0		
	[DPM070051]Water Resource Management(3 Credit)		3	3	1							3	0		
	[DPM070052]International Standardization Certification System(3 Credit)		3	3	1							3	0		
	[DPM070067]Water Resource and Watershed Management(3 Credit)		3	3	1							3	0		
	[DPM070073]Special Topics in Carbon Footprint and Emission(2 Credit)		2	2	1							2	0		
	[NPJ070085]Artificial Intelligence in the Application of Environmental Science and Occupational Safety and Health(2 Credit)		2	2	1							2	0		
			(Subtotal : 15 )	96	96	38	25	0	23	0	28	0	20	0	
			(Total:36 )	119	125	50	36	0	29	0	32	0	28	0	
														Sub/119)	
CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	1st Semester		2nd Semester		1st Semester		2nd Semester		
							Le	Lb	Le	Lb	Le	Lb	Le	Lb	
							1st Academic Year				2nd Academic Year				

1. Minimum credits required for graduation: 36 credits including compulsory credits, and at least elective credits (including the interdepartmental elective credits)
2. (Le-Lb-Cs-Hr), Le: Lecture hours, Lb: Lab hours, Cs: Credits, Hr: Hour °

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