

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

2025 School Year

LastEditDate : 2025-03-31

CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	1st Academic Year				2nd Academic Year				Memo				
							1st Semester		2nd Semester		1st Semester		2nd Semester						
							Le	Lb	Le	Lb	Le	Lb	Le	Lb					
Departmental Required Courses		[NPJ070016]Seminar(1 Credit)		1	2	1	2	0											
		[NPJ070021]Seminar II(1 Credit)		1	2	1			2	0									
		[NPJ070039]Seminar III(1 Credit)		1	2	1					2	0							
		[NPJ070040]Seminar IV(1 Credit)		1	2	1							2	0					
		[NPJ070041]Master thesis(6 Credit)		6	6	1							6	0					
				(Subtotal : 10 )				10	14	5	2	0	2	0	2	0	8	0	
Departmental Elective Courses		[NPJ070022]Special Topics in Occupational Safety(2 Credit)		2	2	1	2	0											
		[NPJ070030]Special Topics in Industrial and Environmental Toxicology(2 Credit)		2	2	1	2	0											
		[NPJ070031]Global Environmental Change(3 Credit)		3	3	1	3	0											
		[NPJ070034]Environmental Policy and Regulations(3 Credit)		3	3	1	3	0											
		[NPJ070063]Basic Professional English(1 Credit)		1	2	1	2	0											
		[NPJ070066]Special Topics in Indoor Air Quality(2 Credit)		2	2	1	2	0											
		[NPJ070076]Special Topics in Environmental Chemistry(3 Credit)		3	3	1	3	0											
		[NPJ070078]Environmental Management on Chemicals(3 Credit)		3	3	1	3	0											
		[NPJ070082]Special Topics in Risk Assessment(3 Credit)		3	3	1	3	0											
		[NPJ070084]Special Topics in Biotechnology(2 Credit)		2	2	1	2	0											
		[NPJ070087]Advanced Statistics(3 Credit)		3	3	1	3	0											
		[NPJ070025]Special Topics in Human factor Engineering(2 Credit)		2	2	1			2	0									
		[NPJ070026]Process Safety Management(2 Credit)		2	2	1			2	0									
		[NPJ070027]Special Topics in Electrical Safety(2 Credit)		2	2	1			2	0									
		[NPJ070028]Special Topics in Public Health(2 Credit)		2	2	1			2	0									
		[NPJ070029]Special Topics in Occupational Health(2 Credit)		2	2	1			2	0									
		[NPJ070038]Environmental and Ecological Management(3 Credit)		3	3	1			3	0									
		[NPJ070064]Advanced Professional English(1 Credit)		1	2	1			2	0									
		[NPJ070067]Special Topics in the Law of Occupational Safety and Health(3 Credit)		3	3	1			3	0									
		[NPJ070068]Waste Management and Resources(3 Credit)		3	3	1			3	0									
		[NPJ070069]Special Topics in Environmental Engineering and Sciences(3 Credit)		3	3	1			3	0									
		[NPJ070070]Control Technology in Air Pollution(3 Credit)		3	3	1			3	0									
		[NPJ070042]International Standardization Certification System(3 Credit)		3	3	1					3	0							
		[NPJ070043]Thesis Writing (2 Credit)		2	2	1					2	0							
		[NPJ070045]Special Topics in Work Environmental Control Engineering(2 Credit)		2	2	1					2	0							
		[NPJ070046]Special Topics in Industrial Ventilation(2 Credit)		2	2	1					2	0							
		[NPJ070047]Health Risk Assessment(2 Credit)		2	2	1					2	0							
		[NPJ070048]Special Topics in Construction Safety(2 Credit)		2	2	1					2	0							
		[NPJ070049]Special Topics in Occupational Safety and Health Management Practices(2 Credit)		2	2	1					2	0							
		[NPJ070050]Work Environmental Monitoring Lab(3 Credit)		3	3	1					3	0							
		[NPJ070055]Special Topics in sustainable development and clean process(3 Credit)		3	3	1					3	0							
		[NPJ070057]Climate Change Adaptation Mechanisms(3 Credit)		3	3	1					3	0							
	[NPJ070073]Special Topics in Soil and Groundwater Pollution Remediation(3 Credit)		3	3	1					3	0								
	[NPJ070074]Special Topics in Advanced Water Technology(3 Credit)		3	3	1					3	0								
	[NPJ070080]Special Topics in Environmental Impact Assessment(3 Credit)		3	3	1					3	0								
	[NPJ070051]Biological Hazard Assessment(2 Credit)		2	2	1							2	0						
	[NPJ070052]Environmental and Occupational Epidemiology(2 Credit)		2	2	1							2	0						
	[NPJ070058]Special Topics in Environmental Education(3 Credit)		3	3	1							3	0						
	[NPJ070060]Research Methods in Sciences(2 Credit)		2	2	1							2	0						
	[NPJ070075]Water Resource and Watershed Management(3 Credit)		3	3	1							3	0						
	[NPJ070083]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						
	[NPJ070086]Case Study in Environmental Planning and Management(2 Credit)		2	2	1							2	0						
				(Subtotal : 20 )				104	106	43	28	0	27	0	33	0	18	0	
				(Total:30 )				114	120	48	30	0	29	0	35	0	26	0	Subtotal : 114(Cs)120(Lb)0(Le)
CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	1st Semester		2nd Semester		1st Semester		2nd Semester		Memo				
							1st Academic Year				2nd Academic Year								

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