

Tajen University two-year Graduate Program
Department of Environmental Science and Occupational Safety and Hygiene /
Graduateschool of Environmental Management Group Curriculum
大仁科技大學在職研究所進修部環境與職業安全衛生系環境管理碩士班標準課程表
2022 School Year / 111學年度入學學生適用
中英對照版 / Chinese-English Bilingual Version

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Course Type 科目類別	Recommended Year of Study 條件群組	Course Title 科目名稱	Module Name 模組名稱	Cs 開課學 分	Hr 開課時 數	Rs 開課項 目	1st Academic Year 第1學年				2nd Academic Year 第2學年				Memo 備註
							1st Semester 第一學期		2nd Semester 第二學期		1st Semester 第一學期		2nd Semester 第二學期		
							Le 授課	Lb 實習	Le 授課	Lb 實習	Le 授課	Lb 實習	Le 授課	Lb 實習	
Departmental Required Courses 專業必修	Year 1, Semester 1 Required 一上必修	[NPJ070016] Seminar 專題討論I		1	2	1	2	0							
	Year 1, Semester 2 Required 一下必修	[NPJ070021] Seminar II 專題討論II		1	2	1			2	0					
	Year 2, Semester 1 Required 二上必修	[NPJ070039] Seminar III 專題討論 III		1	2	1					2	0			
	Year 2, Semester 2 Required 二下必修	[NPJ070040] Seminar IV 專題討論IV		7	8	2							2	0	
		[NPJ070041] Master thesis 碩士論文											6	0	
		(Subtotal: 10) (畢業須修學分數：10) 小計		10	14	5	2	0	2	0	2	0	8	0	
Departmental Elective Courses 專業選修	Departmental Elective Courses 專業選修	[NPJ070022] Special Topics in Occupational Safety 職業安全特論		26	26	10	2	0							
		[NPJ070034] Environmental Policy and Regulations 環境政策與法規					3	0							
		[NPJ070078] Environmental Management on Chemicals 化學品環境管理					3	0							
		[NPJ070030] Special Topics in Industrial and Environmental Toxicology 工業與環境毒物學特論					2	0							
		[NPJ070066] Advanced Air Quality Management 空氣品質管理特論					2	0							
		[NPJ070081] Advanced Statistics 高等統計學					3	0							
		[NPJ070031] Global Environmental Change 全球環境議題研究					3	0							
		[NPJ070082] Special Topics in Risk Assessment 風險評估特論					3	0							
		[NPJ070076] Special Topics in Environmental Chemistry 環境化學特論					3	0							
		[NPJ070080] Special Topics in Environmental Impact Assessment 環境影響評估特論					3	0							
		[NPJ070063] Basic Professional English 基礎專業英文					2	0							
		[NPJ070067] Special Topics in the Law of Occupational Safety and Health 職業安全衛生法規特論							3	0					
		[NPJ070069] Special Topics in Environmental Engineering and Sciences 環境工程與科學特論							3	0					
		[NPJ070027] Special Topics in Electrical Safety 電氣安全特論							2	0					

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		[NPJ070070] Control Technology in Air Pollution 空氣污染物控制技術						3	0						
		[NPJ070029] Special Topics in Occupational Health 職業衛生特論						2	0						
		[NPJ070025] Special Topics in Human factor Engineering 人因工程特論						2	0						
		[NPJ070028] Special Topics in Public Health 公共衛生特論						2	0						
		[NPJ070064] Advanced Professional English 進階專業英文						2	0						
		[NPJ070068] Waste Management and Resources 廢棄物處理及資源化						3	0						
		[NPJ070026] Process Safety Management 製程安全管理						2	0						
		[NPJ070038] Environmental and Ecological Management 環境生態管理						3	0						
		[NPJ070049] Special Topics in Occupational Safety and Health Management Practices 職業安全衛生管理特論								2	0				
		[NPJ070046] Special Topics in Industrial Ventilation 工業通風特論								2	0				
		[NPJ070047] Health Risk Assessment 健康風險評估								2	0				
		[NPJ070080] Special Topics in Environmental Impact Assessment 環境影響評估特論								3	0				
		[NPJ070042] International Standardization Certification System 國際標準驗證系統								3	0				
		[NPJ070073] Special Topics in Soil and Groundwater Pollution Remediation 土壤及地下水污染防治特論								3	0				
		[NPJ070050] Work Environmental Monitoring Lab 作業環境測定及實驗								3	0				
		[NPJ070055] Special Topics in sustainable development and clean process 永續發展與清淨製程特論								3	0				
		[NPJ070074] Special Topics in Advanced Water Technology 高級水處理技術特論								3	0				
		[NPJ070057] Climate Change Adaptation Mechanisms 氣候變遷調適機制								3	0				
		[NPJ070043] Thesis Writing 論文寫作								2	0				
		[NPJ070048] Special Topics in Construction Safety 營建安全特論								2	0				
		[NPJ070045] Special Topics in Work Enviornmental Control Engineering 作業環境控制工程特論								2	0				
		[NPJ070059] Water Resource Management 水資源管理										3	0		
		[NPJ070052] Environmental and Occupational Epidemiology 環境與職業流行病學										2	0		

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		[NPJ070083] Special Topics in Carbon Footprint and Emission 碳足跡與排放特論										2	0		
		[NPJ070065] Case Study in Environmental Planning and Management 環境規劃與管理實務										3	0		
		[NPJ070058] Special Topics in Environmental Education 環境教育特論										3	0		
		[NPJ070060] Research Methods in Sciences 科學研究方法										2	0		
		[NPJ070075] Water Resource and Watershed Management 水資源及流域管理										3	0		
		[NPJ070051] Biological Hazard Assessment 生物性危害評估										2	0		
		(Subtotal: 26) (畢業須修學分數：26) 小計		26	26	10	29	0	27	0	33	0	20	0	
		(Total: 36) (畢業須修總學分數：36) 合計		36	40	15	31	0	29	0	35	0	28	0	Total Credits: 117 Total Hours: 123 Total Lab Hours: 0 總學分：117 總時段：123 總實習：0