

Tajen University 4-Year Undergraduate Program Department of Environmental Science and Occupational and Hygiene Group Curriculum

2024 School Year

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CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	1st Academic Year		2nd Academic Year		3rd Academic Year		4th Academic Year							
							1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester						
							Le	Lb	Le	Lb	Le	Lb	Le	Lb						
General Courses		[000001008]Chinese Reading and Writing I(2 Credit)		2	2	1	2	0												
		[000001136]Work Education(1 Credit)		1	2	1	2	0												
		[000001137]Physical Education I(2 Credit)		2	2	1	2	0												
		[000001147]Learning and Practice of Clubs I(1 Credit)		1	1	1	1	0												
		[000001153]English for Daily Conversation I(2 Credit)		2	2	1	2	0												
		[000001009]Chinese Reading and Writing II(2 Credit)		2	2	1		2	0											
		[000001138]Physical Education II(2 Credit)		2	2	1		2	0											
		[000001148]Learning and Practice of Clubs II(1 Credit)		1	1	1		1	0											
		[000001154]English for Daily Conversation II(2 Credit)		2	2	1		2	0											
		[000000021]Creative Thinking and Application(2 Credit)		2	2	1			2	0										
		[000001150]Service Learning(1 Credit)		1	1	1			1	0										
		[000001208]University Social Responsibility and Practice in Tajen(2 Credit)		2	2	1			2	0										
		[000001010]Citizenship and Society(2 Credit)		2	2	1				2	0									
	[000001146]Program Design and Logical Calculus(2 Credit)		2	2	1				2	0										
	[000001209]Exploration and Construction of Life Image(2 Credit)		2	2	1				2	0										
(Subtotal : 26)				26	27	15	9	0	7	0	5	0	6	0	0	0	0	0	0	
General Elective Courses		[000000043]All-out Defense Education Military Training I(0 Credit)		0	2	1	2	0												
		[000000044]All-out Defense Education Military Training II(0 Credit)		0	2	1		2	0											
		[000000045]All-out Defense Education Military Training III(0 Credit)		0	2	1			2	0										
		[000000046]All-out Defense Education Military Training IV(0 Credit)		0	2	1				2	0									
		[000000017]The Field of Natural Science(2 Credit)		2	2	1					2	0								
		[000000047]All-out Defense Education Military Training V(0 Credit)		0	2	1						2	0							
		[000000018]The Field of Social Science(2 Credit)		2	2	1							2	0						
		[000001000]The Field of Arts and Humanities(2 Credit)		2	2	1									2	0				
(Subtotal : 6)				6	16	8	2	0	2	0	2	0	2	0	4	0	2	0	2	0
College Courses		[DP4000010]Chemistry(2 Credit)		2	2	1	2	0												
		[DP4000020]Biology(2 Credit)		2	2	1	2	0												
		[DP4000003]Physiology(2 Credit)		2	2	1		2	0											
		[DP4000039]Career Ethics(2 Credit)		2	2	1			2	0										
		[DP4000023]Biostatistics(2 Credit)		2	2	1				2	0									
(Subtotal : 10)				10	10	5	4	0	2	0	2	0	2	0	0	0	0	0	0	0
Required Courses Offered in Other Departments		[000001182]Cross-Disciplinary Program I(2 Credit)		2	2	1		2	0											
		[000001183]Cross-Disciplinary Program II(2 Credit)		2	2	1			2	0										
		[000001184]Cross-Disciplinary Program III(2 Credit)		2	2	1				2	0									
		[000001185]Cross-Disciplinary Program IV(2 Credit)		2	2	1					2	0								
(Subtotal : 8)				8	8	4	0	0	2	0	2	0	2	0	2	0	0	0	0	0
Departmental Required Courses		[DP4490069]Occupational Safety(2 Credit)		2	2	1	2	0												
		[DP4490114]Practice Project I(1 Credit)		1	1	1	0	1												
		[DP4490001]Introduction to Environmental Science(2 Credit)		2	2	1		2	0											
		[DP4490115]Practice Project II(1 Credit)		1	1	1		0	1											
		[DP4490141]Advanced Chemistry(including experiments)(2 Credit)		2	1	1		1	2											
		[DP4490011]Construction Safety(2 Credit)		2	2	1			2	0										
		[DP4490067]The Law of Occupational Safety and Health(2 Credit)		2	2	1			2	0										
		[DP4490068]Occupational Hygiene(2 Credit)		2	2	1			2	0										
		[DP4490116]Practice Project III(1 Credit)		1	1	1			0	1										
		[DP4490005]Environmental Chemistry(3 Credit)		3	3	1				3	0									
		[DP4490030]Ergonomics(2 Credit)		2	2	1				2	0									
		[DP4490117]Practice Project IV(1 Credit)		1	1	1				0	1									
		[DP4490121]Occupational Safety and Health Management(2 Credit)		2	2	1				2	0									

[DP4490064]dust measurement and control(2 Credit)	2	2	1																2	0		
[DP4490080]Soil and Groundwater Pollution Control(3 Credit)	3	3	1																3	0		
[DP4490081]Water Resource Management(3 Credit)	3	3	1																3	0		
[DP4490085]Renewable resources engineering(3 Credit)	3	3	1																3	0		
[DP4490106]Internship II(2 Credit)	2	3	1																0	3		
[DP4490134]Environmental Pollutant Analysis Experiment(2 Credit)	2	3	1																0	3		
[DP4490148]Water Treatment Engineering Design(3 Credit)	3	3	1																3	0		
[DP4490150]Internship I(2 Credit)	2	3	1																0	3		
[DP4490060]Practices in Factory Inspection(2 Credit)	2	2	1																		2	0
[DP4490063]Industrial Management(2 Credit)	2	2	1																		2	0
[DP4490075]Emergency Response and disaster management(2 Credit)	2	2	1																		2	0
[DP4490107]Internship III(3 Credit)	3	4	1																		0	4
[DP4490152]Risk Assessment(2 Credit)	2	2	1																		2	0

(Subtotal : 26) 116 119 51 8 0 8 0 16 0 13 2 19 0 15 0 19 9 8 4

(Total:128) 218 232 109 25 1 24 3 33 1 32 3 33 1 25 3 26 9 13 4 Sub/ 218(

CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb
							1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd				
							Semester		Semester		Semester		Semester		Semester		Semester		Semester		Semester	
							1st Academic Year		2nd Academic Year		3rd Academic Year		4th Academic Year									

1.Minimum credits required for graduation:128 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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