Tajen University 4-Year Undergraduate ProgramDepartment of Environmental Science and Occupati and Hygiene Group Curriculum 2024 School Year

							1st /	Acade	emic '	Year	2nd	Acad	emic	Year	3rd	Acad	lemic	Year	4th	Acad	emic	Year
CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs		st octor	2r Som			st		nd ostor				nd		st		nd
, ,,							Le	Lb	Le				Le							Lb		
		[000001008]Chinese Reading and		2	2	1	2	0	Le	LD	Le	LD	LC	LU	LC	LD	Le	LD	LC	LU	Le	LD
		Writing I(2 Credit)																			-	H
		[000001136]Work Education(1 Credit) [000001137]Physical Education I(2		1	2	1	2	0														H
		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		2	2	1			2	0												T
		Writing II(2 Credit) [000001138]Physical Education II(2								_												H
		Credit) [000001148]Learning and Practice of		2	2	1			2	0											_	
eneral Courses		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										Н
		[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		2	2	1							2	0								Т
		Logical Calculus(2 Credit) [000001209]Exploration and		2	2	1							2	0								H
		Construction of Life Image(2 Credit)					_		_		_	_				4 0						
		[000000043]All-out Defense Education	(Subtotal : 26)				9	0	7	0	5	0	6	0	0	0	0	0	0	0	0	0
		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		0 2 1 2 2 1 0 2 1	2	0																
General Elective Courses		Military Training IV(0 Credit) [000000017]The Field of Natural		2	2	1									2	0					0	H
		Science(2 Credit) [000000047]All-out Defense Education																			-	-
		Military Training V(0 Credit)		0	2	1									2	0						L
		[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		
	ı		(Subtotal: 6)	6	16	8	2	0	2	0	2	0	2	0	4	0	2	0	2	0	0	0
		[DP4000010]Chemistry(2 Credit)		2	2	1	2	0														
		[DP4000020]Biology(2 Credit)		2	2	1	2	0														
ollege Courses		[DP4000003]Physiology(2 Credit)		2	2	1			2	0												L
		[DP4000039]Career Ethics(2 Credit)		2	2	1					2	0										L
		[DP4000023]Biostatistics(2 Credit)		2		1			_	_	_		2	0								
		[000001182]Cross-Disciplinary Program	(Subtotal: 10)				4	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0
		I(2 Credit)		2	2	1			2	0												L
equired Courses		[000001183]Cross-Disciplinary Program II(2 Credit)		2	2	1					2	0										
Departments		[000001184]Cross-Disciplinary Program III(2 Credit)		2	2	1							2	0								
		[000001185]Cross-Disciplinary Program		2	2	1									2	0						Н
		IV(2 Credit)	(Subtotal: 8)	-	8	4	0	0	2	0	2	0	2	0			0	0	0	0	0	0
Departmental		[DP4490069]Occupational Safety(2	(Subiolai . 0)	2	2	1	2	0		_		0		U	2	"		0				-
eneral Elective Courses courses quired Courses ffered in Other Departments		Credit) [DP4490114]Practice Project I(1 Credit)		-			0	1													-	H
		[DP4490001]Introduction to		1	1	1	-	'	2	0												H
		Environmental Science(2 Credit) [DP4490115]Practice Project II(1		2	2	1			2	U											_	H
		Credit)		1	1	1			0	1												
		[DP4490141]Advanced Chemistry(including experiments)(2		2	1	1			1	2												
		Credit) [DP4490011]Construction Safety(2																			-	-
		Credit)		2	2	1					2	0										
		[DP4490067]The Law of Occupational Safety and Heath(2 Credit)		2	2	1					2	0										
		[DP4490068]Occupational Hygiene(2		2	2	1					2	0										
		Credit) [DP4490116]Practice Project III(1		1	1	1					0	1										\vdash
		Credit) [DP4490005]Environmental									U	1	_	-		-					-	-
		Chemistry(3 Credit)		3	3	1							3	0							_	
		[DP4490030]Ergonomics(2 Credit)		2	2	1							2	0							<u> </u>	
		[DP4490117]Practice Project IV(1 Credit)		1	1	1							0	1								
		[DP4490121]Occupational Safety and																				

	[DP4490006]Environmental		3	3	1									3	0						
	Microbilogy(3 Credit) [DP4490014]Air pollution control(3																				H
	Credit)		3	3	1									3	0						
	[DP4490025]Industrial Ventilation(2 Credit)		2	2	1									2	0						
	[DP4490118]Practice Project V(1		1	1	1									0	1						Т
	Credit) [DP4490119]Practice Project VI(1													-							H
	Credit)		1	1	1											0	1				
	[DP4490124]Practices of		3	3	1											3	0				
	Entrepreneurship(3 Credit) [DP4490140]Environmental Pollutant		2	3	1											3	0				H
	Analysis(3 Credit)		3	3	'											3	U				L
	[DP4490156]Environmental Monitoring for Workplaces(2 Credit)		2	2	1											2	0				
	[DP4490157]Environmental Monitoring		1	2	1											0	2				
	Experiments for Workplaces(1 Credit) [DP4490017]Waste Management(3															l ·					
	Credit)		3	3	1													3	0		
	[DP4490120]Practice of Entrepreneurship(2 Credit)		2	2	1													2	0		
	[DP4490010]Industrial Toxicology(2		2	2	1															2	0
	Credit) [DP4490110]Environmental Planning																				
	and Management(3 Credit)		3	3	1															3	0
		(Subtotal: 52)	52	52	26	2	1	3	3	6	1	7	1	8	1	8	3	5	0	5	0
Departmental	[DP4490033]Environmental		2	2	1	2	0														Г
lective Courses	Education(2 Credit) [DP4490037]Enviormental Health(2					-						\vdash									
	Credit)			2	1	2	0														
	[DP4490125]Physical(2 Credit)		2	2	1	2	0														
	[DP4490145]Develop & Experiment of Green Resources Products(2 Credit)		2	2	1	2	0														
	[DP4490034]Environmental Ethics(2		2	2	1			2	0												
	Credit) [DP4490036]Electrical Engineering(2					-				-		\vdash							-		\vdash
	Credit)		2	2	1			2	0												L
	[DP4490042]Introduction to Occuptaional Medicine(2 Credit)		2	2	1			2	0												
	[DP4490153]English for Workplaces in			Н								Н									
	Environment and Occupational Safety(2 Credit)		2	2	1			2	0												
	[DP4490035]Climate change		2	2	1					2	0	\Box									Т
	adaptation(2 Credit) [DP4490040]Energy Management of					-		-		-		\vdash							-		H
	Industry(2 Credit)		2	2	1					2	0										
	[DP4490044]Fire Regulations(2 Credit)		2	2	1					2	0										
	[DP4490127]Fire Science(2 Credit)		2	2	1					2	0										
	[DP4490128]Mechanical & Electrical		2	2	1					2	0										
	Protection(2 Credit) [DP4490139]Environmental																				H
	Microbilogy(3 Credit)		3	3	1					3	0										
	[DP4490151]Noise Vibration and Control(3 Credit)		3	3	1					3	0										
	[DP4490038]Inventory of Greenhouse																				Г
	Air and Carbon Footprint Management(3 Credit)		3	3	1							3	0								
	[DP4490046]Indoor Air Quality		2	1	1							1	2								Т
	(including experiments)(2 Credit) [DP4490131]Fluid Mechanics(3 Credit)																				
	[DP4490131]Fluid Mechanics(3 Credit)		3									3	0								H
	Credit)		2	2	1							2	0								
	[DP4490147]Process Safety Management(2 Credit)		2	2	1							2	0								
	[DP4490154]Smart Monitoring in																				Н
	Environment and Occupational Safety and Hygiene(2 Credit)		2	2	1							2	0								
	[DP4490050]Environmental Educating			Н																	
	Materials and Teaching Methods(2		2	2	1									2	0						
	Credit) [DP4490052]Fire and Explosion		_			-				-		\vdash			_				-		\vdash
	Protection(2 Credit)		2	2	1									2	0						
	[DP4490053]Exposure Assessment(2 Credit)		2	2	1									2	0						
	[DP4490082]Technology Of																				
	Environmental Pollution Control(3 Credit)		3	3	1									3	0						
	[DP4490132]Water Treatment		3	3	1									3	0						
	Engineering(3 Credit) [DP4490143]Industry Sustainability and					-				-		\vdash							-		\vdash
	Resource Reuse(2 Credit)		2	2	1									2	0						
	[DP4490149]Operation in Enviromental units and Experiment(3 Credit)		3	3	1									3	0						
	[DP4490155]Low-Carbon Management		2	2	1									2	0						
	Technology(2 Credit) [DP4490054]Industrial Safety														J						H
	Engineering(2 Credit)		2	2	1											2	0				
	[DP4490058]Law and Regulaions of		2	2	1											2	0				
	Environmental Protection(2 Credit) [DP4490059]International					-				-		\vdash							-		\vdash
	Standardization Certification(2 Credit)		2	2	1											2	0				
	[DP4490066]Work Environmental Control Engineering(2 Credit)		2	2	1											2	0				
	[DP4490091]Instrumental analysis and		3	3	1											3	0				
	experiment(3 Credit) [DP4490133]Management of					_				_									_		\vdash
	Hazardous Materials(2 Credit)		2	2	1											2	0				
	[DP4490144]Fire Prevention Equipment(2 Credit)		2	2	1											2	0				
	[DP4490056]Enviromen Impeact				4													_	_		
	Assement(3 Credit)		3	3	1													3	0		L
	[DP4490062]Facilities Planning(2 Credit)		2	2	1			1								1		2	0		

CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	1s Seme	st ester	2r Sem	nd ester	1: Sem	st ester	2r Sem	nd ester	1: Sem	st ester	2ı Sem	nd iester	1 Sem	st ester	2r Sem	2nd Semester
								Lb	Le			Lb	Le									
			(Total:128)218	232	109	25	1	24	3	33	1	32	3	33	1	25	3	26	9	13	4
			(Subtotal: 26	116	119	51	8	0	8	0	16	0	13	2	19	0	15	0	19	9	8	4
		[DP4490152]Risk Assessment(2 Credit)		2	2	1															2	0
		[DP4490107]Internship III(3 Credit)		3	4	1															0	4
		[DP4490075]Emergency Response and disaster management(2 Credit)		2	2	1															2	0
		[DP4490063]Industrial Management(2 Credit)		2	2	1															2	0
		[DP4490060]Practices in Factory Inspection(2 Credit)		2	2	1															2	0
		[DP4490150]Internship I(2 Credit)		2	3	1													0	3		
		[DP4490148]Water Treatment Engineering Design(3 Credit)		3	3	1													3	0		
		[DP4490134]Environmental Pollutant Analysis Experiment(2 Credit)		2	3	1													0	3		
		[DP4490106]Internship II(2 Credit)		2	3	1													0	3		
		[DP4490085]Renewable resources engineering(3 Credit)		3	3	1													3	0		
		[DP4490081]Water Resource Management(3 Credit)		3	3	1													3	0		
		[DP4490080]Soil and Groundwater Pollution Control(3 Credit)		3	3	1													3	0		
		[DP4490064]dust measurement and control(2 Credit)		2	2	1													2	0		

^{1.}Minimum credits required for graduation:128 credits including compulsory credits, and at least elective credits(including the interdepartmental elective credits)

Print PrintDate: 2024/07/30 10:19:37

 $^{^{\}circ}$ 2.(Le-Lb-Cs-Hr), Le: Lecture hours, Lb: Lab hours, Cs: Credits ,Hr: Hour $^{\circ}$