Tajen University 4-Year Undergraduate ProgramDepartment of Pharmacy- Pharmacy Program (five-year program) Group Curriculum

2025 School Year

LastEditDate：2025-04-12

CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	1st Academic Year				2nd Academic Year				3rd Academic Year				4th Academic Year				5th Academic Year				Memo
							1st Semester		2nd Semester		1st Semester		2nd Semester		1st Semester		2nd Semester		1st Semester		2nd Semester		1st Semester		2nd Semester		
							Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	
General Courses		[000001008]Chinese Reading and Writing I(2 Credit)		2	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																			
		[000001219]Life Education and Sustainable Development(1 Credit)		1	1	1	1	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																	
		[000001146]Program Design and Logical Calculus(2 Credit)		2	2	1					2	0															
		[000001150]Service Learning(1 Credit)		1	1	1					1	0															
		[000001218]Introduction to Artificial Intelligence(2 Credit)		2	2	1							2	0													
		[000001220]Introduction to Long-Term Care(2 Credit)		2	2	1							2	0													
		[000000021]Creative Thinking and Application(2 Credit)		2	2	1									2	0											
		[000001208]University Social Responsibility and Practice in Tajen(2 Credit)		2	2	1													2	0							
			(Subtotal：26)	26	26	15	8	0	7	0	3	0	4	0	2	0	0	0	2	0	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													
		[000000047]All-out Defense Education Military Training V(0 Credit)		0	2	1									2	0											
		[000001000]The Field of Arts and Humanities(2 Credit)		2	2	1									2	0											
		[000000018]The Field of Social Science(2 Credit)		2	2	1											2	0									
		[000000017]The Field of Natural Science(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	0	0	0	0	0	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	0	0	0	0	0	0	
Departmental Required Courses		[DP4010082]General Pharmacy (1 Credit)		1	1	1	1	0																			
		[DP4010134]Basic Calculus(2 Credit)		2	2	1	2	0																			
		[DP4010139]Anatomy(2 Credit)		2	2	1	2	0																			
		[DP4010145]Introduction to Chinese Herbs(1 Credit)		1	1	1	1	0																			
		[DP4010205]Concepts of Chinese Herbal Medicine(1 Credit)		1	1	1	1	0																			
		[DP4010235]Modern Herbology I(1 Credit)		1	1	1	1	0																			
		[DP4010111]Basic Pharmacy Lab I(1 Credit)		1	2	1			0	2																	
		[DP4010121]Microbiology and Immunology (2 Credit)		2	2	1			2	0																	
		[DP4010138]Advanced Biology(1 Credit)		1	1	1			1	0																	
		[DP4010141]Organic Chemistry I(2 Credit)		2	2	1			2	0																	
		[DP4010143]Analytical Chemistry (2 Credit)		2	2	1			2	0																	
		[DP4010236]Modern Herbology II(2 Credit)		2	2	1			2	0																	
		[DP4010237]Basic Medical Lab I(Including Biology, Microbiology and Immunology)(1 Credit)		1	2	1			0	2																	
		[DP4010115]Physical Pharmacy(3 Credit)		3	3	1					3	0															
		[DP4010142]Organic Chemistry II(2 Credit)		2	2	1					2	0															
		[DP4010158]Advanced Physiology(1 Credit)		1	1	1					1	0															
		[DP4010185]Organic Chemistry Laborator(1 Credit)		1	2	1					0	2															
		[DP4010238]Basic Medical Lab II(Including Physiology, Biochemistry)(2 Credit)		2	3	1					0	3															
		[DP4010247]Biochemistry I(including Molecular Biology)(3 Credit)		3	3	1					3	0															

		[DP4010064]Pathology(2 Credit)		2	2	1							2	0															
		[DP4010091]Pharmaceutics I(2 Credit)		2	2	1							2	0															
		[DP4010120]Pharmaceutics Lab(1 Credit)		1	2	1							0	2															
		[DP4010150]Medicinal Chemistry I(3 Credit)		3	3	1							3	0															
		[DP4010186]Pharmaceutical Chemistry Laboratory(1 Credit)		1	2	1							0	2															
		[DP4010248]Biochemistry II(including Molecular Biology)(2 Credit)		2	2	1							2	0															
		[DP4010060]Pharmacognosy Lab(1 Credit)		1	2	1									0	2													
		[DP4010083]Pharmaceutical Analysis I(2 Credit)		2	2	1									2	0													
		[DP4010092]Pharmaceutics II(2 Credit)		2	2	1									2	0													
		[DP4010118]Pharmacology I(2 Credit)		2	2	1									2	0													
		[DP4010122]Pharmacognosy(3 Credit)		3	3	1									3	0													
		[DP4010124]Pharmaceutical Analysis Lab.(1 Credit)		1	2	1									0	2													
		[DP4010151]Medicinal Chemistry II(2 Credit)		2	2	1									2	0													
		[DP4010004]Chinese Herb Processing Lab(1 Credit)		1	2	1											0	2											
		[DP4010084]Pharmaceutical Analysis II(2 Credit)		2	2	1											2	0											
		[DP4010090]Pharmacology II(2 Credit)		2	2	1											2	0											
		[DP4010119]Pharmacology Lab (1 Credit)		1	2	1											0	2											
		[DP4010178]Biopharmaceutics(3 Credit)		3	3	1											3	0											
		[DP4010207]Chinese Medicinal Pharmacognosy(2 Credit)		2	2	1											2	0											
		[DP4010239]Biopharmaceutical Preparations(1 Credit)		1	1	1											1	0											
		[DP4010240]Chinese Herb Processing(2 Credit)		2	2	1											2	0											
		[DP4010078]Clinical Pharmacy(2 Credit)		2	2	1													2	0									
		[DP4010087]Pharmaceutical Therapeutics I(2 Credit)		2	2	1													2	0									
		[DP4010093]Pharmacy Ethics(2 Credit)		2	2	1													2	0									
		[DP4010132]Pharmacokinetic(2 Credit)		2	2	1													2	0									
		[DP4010133]Community Pharmacy(2 Credit)		2	2	1													2	0									
		[DP4010208]Chinese Prescriptions(2 Credit)		2	2	1													2	0									
		[DP4010242]Chinese Prescriptions Lab(1 Credit)		1	2	1													0	2									
		[DP4010063]Non-Prescription Drugs(2 Credit)		2	2	1															2	0							
		[DP4010088]Pharmaceutical Therapeutics II(2 Credit)		2	2	1															2	0							
		[DP4010127]Dispensing Pharmacy Lab(1 Credit)		1	2	1															0	2							
		[DP4010128]Drug Information Analysis(1 Credit)		1	1	1															1	0							
		[DP4010140]Public Health(2 Credit)		2	2	1															2	0							
		[DP4010179]Dispensing Pharmacy(3 Credit)		3	3	1															3	0							
		[DP4010177]Pharmacy Practice(9 Credit)		9	18	1																	0	18					
		[DP4010181]Pharmacy Practice I(2 Credit)		2	4	1																	0	4					
		[DP4010081]Pharmaceutical Administration and Law(2 Credit)		2	2	1																			2	0			
		[DP4010170]Pharmacy Practice II(2 Credit)		2	4	1																			0	4			
			(Subtotal：108)	108	133	57	8	0	9	4	9	5	9	4	11	4	12	4	12	2	10	2	0	22	2	4			
Departmental Elective Courses		[DP4010188]Biotechnology and Intellectual Property(2 Credit)		2	2	1	2	0																					
		[DP4010189]Medicine Health and Environment Sustainable(2 Credit)		2	2	1	2	0																					
		[DP4010040]Medical sociology(2 Credit)		2	2	1			2	0																			
		[DP4010159]Advanced Chemistry(2 Credit)		2	2	1			2	0																			
		[DP4010243]English for General Workplace(2 Credit)		2	2	1			2	0																			
		[DP4010210]Independent Study I(1 Credit)		1	2	1					0	2																	
		[DP4010234]Drug Abuse(2 Credit)		2	2	1					2	0																	
		[DP4010244]Cosmetics Chemistry(2 Credit)		2	2	1					2	0																	
		[DP4010006]Pharmacology of Chinese Pharmaceutics(2 Credit)		2	2	1							2	0															
		[DP4010191]Digital Marketing and E-commerce Business Model(2 Credit)		2	2	1							2	0															
		[DP4010192]Human Resource and Financial Management in Pharmaceutical Company(2 Credit)		2	2	1							2	0															
		[DP4010211]Independent Study II(1 Credit)		1	2	1							0	2															
		[DP4010038]Colloidal Chemistry(2 Credit)		2	2	1									2	0													
		[DP4010212]Independent Study III(1 Credit)		1	2	1									0	2													
		[DP4010246]Introduction to Artificial Intelligence in Healthcare Applications(2 Credit)		2	2	1									2	0													
		[DP4010193]Dosage Form Design and Manufacturing (Including Chinese medicine and Western medicine)(2 Credit)		2	2	1											1	1											
		[DP4010213]Independent Study IV(1 Credit)		1	2	1											0	2											

		[DP4010219]Instrumental Analysis(2 Credit)		2	2	1											2	0										
		[DP4010015]Toxicology(2 Credit)		2	2	1													2	0								
		[DP4010039]Clinical Data Interpretation(2 Credit)		2	2	1													2	0								
		[DP4010194]Quality Control in Pharmaceuticals (including Chinese medicine and Western medicine)(2 Credit)		2	2	1													2	0								
		[DP4010195]Good Manufacturing Practice for Medicinal Products (including Chinese medicine and Western medicine)(2 Credit)		2	2	1													2	0								
		[DP4010214]Independent Study V(1 Credit)		1	2	1													0	2								
		[DP4010155]Evidence-Based Pharmacy(2 Credit)		2	2	1															2	0						
		[DP4010196]Pharmaceutical Industry(2 Credit)		2	2	1															2	0						
		[DP4010197]Pharmaceutical Care in Community Pharmacy(2 Credit)		2	2	1															2	0						
		[DP4010215]Independent Study VI(1 Credit)		1	2	1															0	2						
		[DP4010041]Medical economics(2 Credit)	藥業經營	2	2	1																			2	0		
		[DP4010175]clinical pharmacy skill(2 Credit)	臨床藥學	2	2	1																			2	0		
		[DP4010198]Pharmaceutical Marketing and Management(2 Credit)	藥業經營	2	2	1																			2	0		
		[DP4010199]Operation and Management of Pharmacy(2 Credit)	藥業經營	2	2	1																			2	0		
		[DP4010200]Nanomedicine and Artificial Intelligence(2 Credit)	製藥科技	2	2	1																			2	0		
		[DP4010201]Diet of Chinese Medicine(2 Credit)	製藥科技	2	2	1																			2	0		
		[DP4010203]Pharmaceutical Care in Hospital Pharmacy(2 Credit)	臨床藥學	2	2	1																			2	0		
		[DP4010204]Drug Clinical Trials(2 Credit)	臨床藥學	2	2	1																			2	0		
		[DP4010206]Chinese Herbal Medicines Practice Experience(2 Credit)		2	4	1																			0	4		
		[DP4010245]Cosmetic Technology(2 Credit)	製藥科技	2	2	1																			2	0		
(Subtotal：18)				68	76	37	4	0	6	0	4	2	6	2	4	2	3	3	8	2	6	2	0	0	18	4		
(Total:168)				218	261	122	26	0	26	4	20	7	23	6	21	6	17	7	24	4	16	4	0	22	20	8	Subtotal ： 218(Cs)193(Lb)68(Le)	
CourseType	RecommendedYearOfStudy	CourseTitle	ModuleName	Cs	Hr	Rs	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Le	Lb	Memo	
							1st Semester		2nd Semester		1st Semester		2nd Semester		1st Semester		2nd Semester		1st Semester		2nd Semester		1st Semester		2nd Semester			
							1st Academic Year				2nd Academic Year				3rd Academic Year				4th Academic Year				5th Academic Year				

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