



University of the Incarnate Word School of Pharmacy

Pre Pharmacy Curriculum- revised November 2004

First Pre-Professional Year

Course Number	Course Title	Fall Semester Credit Hours	Spring Semester Credit Hours
CHEM1301 /1101	Chemical Principles I and Lab	4.0	
MATH1311	Pre-Calculus	3.0	
BIOL1402	Unity of Life (Biology)	4.0	
ENGL1311	Composition I	3.0	
DWHP3200	Dimensions of Wellness	2.0	
PEHP11xx	Physical Education	1.0	
		Total 17.0	
CHEM1302 /1102	Chemical Principles II and Lab		4.0
MATH2312	Calculus I		3.0
BIOL2474	Introduction to Microbiology and Lab		4.0
PHIL1381	Introduction to Philosophy		3.0
ENGL1312	Composition II		3.0
PHARxxxx	Professional Applied Development Skills 1 (PADS I)		1.0 *
			Total 18.0 *

Second Pre-Professional Year

Course Number	Course Title	Fall Semester Credit Hours	Spring Semester Credit Hours
CHEM2311 /2111	Organic Chemistry I and Lab	4.0	
PHYS2305 / 2105	Physics I and Laboratory	4.0	
BIOL 2431	Human Physiology for Pharmacy	4.0	
ENGL 2310	World Literature Studies	3.0	
ARTS,MUSI,ARTH THAR	Fine Arts	3.0	
PHARxxxx	Professional Applied Development Skills 2 (PADS II)	1.0 *	
		Total 19.0 *	
CHEM2312 / 2112	Organic Chemistry for Pharmacy II		4.0
SOCI,PSYC,POLS	Social Sciences		3.0
RELSxxxx	Religion		3.0
MATH2303	Introduction to Probability and Statistics		3.0
HISTxxxx	History		3.0
PHARxxxx	Professional Applied Development Skills 3 (PADS III)		1.0
			Total 17.0

Total Pre-Pharmacy requisites = 71 Hours



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School of Pharmacy
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First Professional Year	Clock Hrs	Fall Semester	Spring Semester
Course Title	450 max	Credit hour	Credit hour
Anatomy / Physiology/Pathophysiology	75	5.0	
A&P Laboratory	60		
Biochemistry	45	3.0	
Dosage Form and Design I	60	4.0	
DF&D Laboratory I			
Pharmacy Calculations	45	3.0	
Applied Pharmaceutical Care (PAC) I	15	1.0	
Professional Applied Development Skills(for Transfers)	30	2.0	
Recitation (Optional)	60	0	
	Total 390	Total 18.0	
Physiology / Pathophysiology II	45		3.0
Dosage Form and Design II	60		4.0
DF & D Laboratory II	60		
Biostatistics	30		2.0
Evaluating the Literature	30		2.0
PAC II	30		2.0
Pharmacomedicinal Chemistry	75		5.0
Recitation (Optional)	60		
	Total 390		Total 18.0

Second Professional Year	Clock Hrs	Fall Semester	Spring Semester
Course Title	450 max	Credit hour	Credit hour
Pharmacomedicinal Chemistry II	60	4.0	
Clinical Microbiology and Immunology	60	4.0	
Applied Pharmacokinetics	45	3.0	
Management & Administration I&II	60	4.0	
Applied Pharmaceutical Care (PAC) III	30	2.0	
Recitation (Optional)	60	0	
	Total 315	Total 17.0	
Pharmacomedicinal Chemistry III	30		2.0
Clerkship I (Field Laboratory)	60		1.0
PAC IV	30		2.0
Pharmacy Administration II	30		2.0
Therapeutics	135		9.0
Elective	30		2.0
Recitation (Optional)	60		
	Total 375		Total 18.0

Third Professional Year	Clock Hrs	Fall Semester	Spring Semester
Course Title	450 max	Credit hours	Credit hours
Therapeutics 4-6	135	9.0	
Pharmacy Law and Ethics	45	3.0	
PAC V	30	2.0	
Physical Assessment	30	2.0	
Assessment Lab	60		
Professional Elective	30	2.0	
Recitation (case study)	90		
	Total 390	Total 18	
Principles of dispensing Laboratory	45		3.0
PAC VI	30		2.0
Therapeutics 7-9	135		9.0
Professional Electives	60		4.0
Recitation (Optional)	60		
	Total 375		Total 18.0

Fourth Professional Year	Clock Hrs		
Course Title	40 / week	Credit hours	
PAC VII		1.0	
PAC VIII (Fall career placement)		2.0	
PAC IX		1.0	
Required Rotations:			
Pharmacy Operations I		5.0	
Pharmacy Operations II		5.0	
Ambulatory Care		5.0	
Community Practice		5.0	
Internal Medicine		5.0	
Limited Choice elective (Select 2)			
Drug Information		5.0	
Pediatrics		5.0	
Psychiatry		5.0	
Management		5.0	
Personal Choice Electives (Select 2)		10.0	
		Total 49	
Total Required Hours	156		

Summer Schedule A	Weeks	Credit Hrs
Remediation I	5	0
Remediation II	5	0
Spanish Certification I	10	5.0
Externship (student initiated)		
Summer Schedule B		
Remediation I	5	0
Remediation II	5	0
Spanish Certification II	10	5.0
Clerkship (optional - recommended)	10	10.0

