2007-08 Summary of
Pre-professional Course Requirements by Pharmacy Degree Institution

AACP Member Institutions	PharmCAS Schools 07-08**	Total # Qtr Hrs	Total # Qtr	Total #Sem Hrs	Total # Sem	B.S. **Required** (not preferred)	Anat & Phys / Human Anat	Biochemistry	Calculus	Cell Bio	Gen Bio I	Gen Bio II	Gen Chem I	Gen Chem II	Genetics	Immunoloy	Microbiology	Molecular Bio	Org Chem I	Org Chem II
A&M Schwartz (NY)	*				4		R		R		R	R	R	R					R	R
Albany (NY)	*			62-80					R		R	R	R	R			R		R	R
Appalachia (VA)	*			69			R		R		R	R	R	R			R		R	R
Arizona				67			R^^		R		R	R	R	R			R		R	R
Arkansas				65			CR	CR	R[20]	CR	R	CR	R	R	CR		R	CR	R	R
Auburn (AL)	*		9	82	6		R	R	R		R		R	R	R	R	R		R	R
Buffalo (NY)	*	n/a		n/a					CR	CR	R	R	R	R	CR				R	R
Butler (IN)	*			66			R		R	R			R	R			R		R	R
CA-San Diego	*	90		63			S	S	R[17]	R	R	R	R	R	S	S	S	R	R	R
CA-San Francisco	*	94		62			R		R^^[17]		R	R	R	R					R	R
Campbell (NC)	*			64			S	S	R[29]	S	R	R	R	R	S	S	S		R	R
Charleston (SC)	*	99		66			R^^		R		R	R	R	R			R		R	R
Cincinnati (OH)	*		6						R		R	R	R	R			CR		R	R
Colorado	*		6		4		R		R[17]		R	R	R	R			R		R	R
Connecticut				64			R	R	R		R		R	R			R		R	R
Creighton (NE)	*	95		63					R		R	R	R	R					R	R
Drake (IA)	*		6		4				R		R	R	R	R			R		R	R
Duquesne (PA)				69			CR[24]	CR[24]	R		R	R	R	R			CR[24]		R	R
East Tennessee	*			63					R		R	R	R	R			R		R	R
Ferris State (MI)				63					R[29]		R	R	R	R			R[7]		R	R
Findlay (OH)																				
Florida	*		6		4		R^^	S	R		R	R	R	R	S		S		R	R
Florida A&M				60					R		R	R	R	R					R	R
Georgia				60					R		R	R	R	R					R	R
Hampton (VA)				64					R		R	R	R	R					R	R
Harding (AR)	**				6		R	R	R	R	CR		R	R			R			
Hawaii-Hilo	*				5		R^^		R		R	R	R	R			R		R	R
Houston (TX)				57-72					R		R	R	R	R			R		R	R
Howard (DC)	*			69			CR		R		R	CR	R	R			CR		R	R
Idaho State				72			R^^		R	CR	R		R	R	CR		R		R	R
Illinois-Chicago	*	90		60			R		R		R	R	R	R					R	R
Incarnate Word (TX)				71			R		R		R		R	R			R		R	R
Iowa	*						R^^		R		R	R	R	R			R		R	R
Kansas				68			R^^		R	R	CR	CR	R	R			R	R	R	R
Kentucky	*			70			R		R		R		R	R			R		R	R
LECOM (PA, FL)	*			60					R		R	R	R	R					R	R
Loma Linda (CA)		109		72			R[27]	R	R		R	R	R	R			R		R	R
Louisiana Monroe	*				6				R		R	R	R	R			R		R	R
Maryland	*	103		68			R^^	R	R		R	R	R	R			R		R	R
Mass-Boston	*			70					R^^	R	CR	CR	R	R			CR[7]	R	R	R
Mass-Worcester				57					R		R	R	R	R			R		R	R
Mercer (GA)	*	90		60					R		R	R	R	R					R	R
Michigan				73			R^^		R		R	R	R	R	R		R[7]		R	R
Midwestern-Chicago (IL)	*	90		62			R		R		R	R	R	R					R	R
Midwestern-Glendale (IL)	*		8		4		R		R		R	R	R	R					R	R
Minnesota	*			48			R		R		R	R	R	R			R		R	R
Mississippi				65					R		R	R	R	R					R	R
Missouri		48 min		31 min					R[17]		R	R	R	R						
Montana				64					R	R			R	R				R	R	R
MUSC (SC)				66			R^^		R		R	R	R	R			R		R	R
Nebraska				60					R		R	R	R	R					R	R
NEOUCOP (OH)	*			72				R^^	R		R	R	R	R						
Nevada		90		60			R^^		R				R	R			R		R	R
New Mexico	*		6		4		R^^	S	R	R			R	R	R		R	R	R	R
North Carolina	*		6		4		R		R		R		R	R			R		R	R
North Dakota				60			R^^		R^^		R	R	R	R			R		R	R
Northeastern (MA)		111		72				R	R		R	R	R	R					R	R

AACP Member Institutions	Phys Chem	Analy Chem	Physics	Pre Calc	Bacteriology	Analy Geo I	Kinesiology	Zoology	Computer Appl	Stats	Social Sciences [a]	Psychology	Poly Sci	History	Hum Behav	West Civ	Anthro	Sociology	Econ	Ethics
A&M Schwartz (NY)			R	R							R	R		CR					R	
Albany (NY)			R							R	R	R	S	S			S	S		
Appalachia (VA)			R							R	R									
Arizona			R^^								CR	CR	CR	CR	CR		CR		R	
Arkansas			R[19]					R		CR	R								R	
Auburn (AL)			R							R[28]	R			R						R[4]
Buffalo (NY)			R					CR		CR									CR	
Butler (IN)											R									R[4]
CA-San Diego	S		R^^							S	CR				R				R	
CA-San Francisco			R^^			R					R	CR					CR	CR	R	
Campbell (NC)			R						S	S	R								CR	
Charleston (SC)	R		R	R						R	R	CR	CR	CR				CR	R	R[4]
Cincinnati (OH)			R^^		CR					R										
Colorado			R								R								R[1]	
Connecticut			R								R								R[2]	
Creighton (NE)											R	R							R	
Drake (IA)									R	R				R						
Duquesne (PA)			R^^							R		R		R				R	R	
East Tennessee			R^^							R	R								R	
Ferris State (MI)										R[29]		CR						CR	R[2]	
Findlay (OH)																				
Florida			R^^	R				CR		S	R									
Florida A&M			R^^	R				CR			R			R[6]						
Georgia				R						R			R[5]	R					R	
Hampton (VA)			R^^	R					R		R	CR	CR	R				CR	CR	
Harding (AR)			R					CR		R	R								R	
Hawaii-Hilo											CR				CR				R	
Houston (TX)			R							R	R	CR	R[8]	R[11]				CR		
Howard (DC)			R^^						S	S	R									
Idaho State			R								R								CR	
Illinois-Chicago			R^^								R				CR				R	
Incarnate Word (TX)			R	R						R	R			R						
Iowa			R						S	R	S				S				R[1]	S
Kansas			R								R									
Kentucky			R^^							R									R[1]	
LECOM (PA, FL)			R							R	R	CR						CR	R	
Loma Linda (CA)											R	R							R	
Louisiana Monroe			R^^	R			R			R	R								R[2]	
Maryland			R^^							R	R								R	
Mass-Boston			R							R	R	R		CR	R	CR	CR		R	
Mass-Worcester			R					CR	R	R	R	R	R	R				R	R	
Mercer (GA)			R								R								R	
Michigan			R								R									
Midwestern-Chicago (IL)			R						S	R	R								R	
Midwestern-Glendale (IL)			R						S	R	R								R	
Minnesota			R^^									CR			R			CR	R	
Mississippi			R^^							R	R								R[1]	
Missouri			R			R					CR		R[5]	R[6]						
Montana			R							R	R								R	
MUSC (SC)			R^^							R	R	R							R	
Nebraska		CR	CR							R		R	CR	CR				R	R	CR
NEOUCOP (OH)			R^^							R		R							R	
Nevada																				
New Mexico										R									R[1]	
North Carolina		R	R^^							R	R			R						
North Dakota			R								R								R	
Northeastern (MA)			R						S	R	S	R							R	

AACP Member Institutions	Gendr/Ethnc Stud	Business	Cul Heritage [d]	Critic Think	Phys Ed	Int'l Culture	Humanities [b]	Fine Art	Fresh Writ Sem	Gen Ed [f]	Eng Comp or Lit	Relig Studies	Rhetoric	Philosophy	Great Books	Music Appr	Foreign Lang	Communication	Public Speak	Chnge and Trad [c]	Writng
A&M Schwartz (NY)							R				R			CR					R		
Albany (NY)							R	S			R						S				
Appalachia (VA)							R				R								R		
Arizona	CR						R	R			R^^	CR		CR			CR	CR			
Arkansas				CR			R				CR		CR				CR	CR			
Auburn (AL)								R[3]			R				R						
Buffalo (NY)								CR			CR										
Butler (IN)					R		R	R	R										R	R	
CA-San Diego							CR				R								R		
CA-San Francisco							R				R^^								R		
Campbell (NC)					R		R				R	R									
Charleston (SC)											R^^										
Cincinnati (OH)										R	R^^										
Colorado											R^^								R		
Connecticut											R										
Creighton (NE)							R				R								R		
Drake (IA)							R			R	R^^								R		
Duquesne (PA)								CR			R^^	R		R		CR		R[23]			
East Tennessee							R				R							R			
Ferris State (MI)							R				R^^								R[23]		
Findlay (OH)																					
Florida							R				R								R		
Florida A&M							R				R^^										
Georgia							R			R	R^^								R		
Hampton (VA)					R		R				R^^								R		
Harding (AR)							R				R								R		
Hawaii-Hilo						R	R				R^^								R		
Houston (TX)							R	R			R								R		R
Howard (DC)							R				R								R		
Idaho State							R			R	R^^								R		
Illinois-Chicago							R				R^^								R		
Incarnate Word (TX)					R			R		R	R	R		R							
Iowa					S		R	S		R			R^^								
Kansas							R				R							R			
Kentucky											R										
LECOM (PA, FL)							R				R										
Loma Linda (CA)							R	R			R								R		
Louisiana Monroe		R^^					R	R			R^^								R		
Maryland							R				R								R		
Mass-Boston							R				R^^										
Mass-Worcester							R				R^^										
Mercer (GA)							R				R								R		
Michigan							CR				R						CR				
Midwestern-Chicago (IL)		S					R	S		R	R						S		R		
Midwestern-Glendale (IL)		S					S	S		R	R						S		R		
Minnesota										R	R^^								R		
Mississippi							R	R			R^^								R		
Missouri							CR	CR			R^^								R		
Montana										R	R								R		
MUSC (SC)							R				R^^								R		
Nebraska		R[18]		CR			CR	CR			R^^						CR		CR		
NEOUCOP (OH)										R	R^^								R		
Nevada											R								R		
New Mexico				R							R^^							R			
North Carolina					R	R		R		R	R^^			R			R				
North Dakota							R	CR		R	R								R		
Northeastern (MA)		S				R	S			R	R							CR	CR		

2007-08 Summary of
Pre-professional Course Requirements by Pharmacy Degree Institution

AACP Member Institutions	PharmCAS Schools 07-08**	Total # Qtr Hrs	Total # Qtr	Total #Sem Hrs	Total # Sem	B.S. **Required** (not preferred)	Anat & Phys / Human Anat	Biochemistry	Calculus	Cell Bio	Gen Bio I	Gen Bio II	Gen Chem I	Gen Chem II	Genetics	Immunoloy	Microbiology	Molecular Bio	Org Chem I	Org Chem II	Phys Chem	Analy Chem	Physics	Pre Calc	Bacteriology	Analy Geo I	Kinesiology	Zoology	Computer Appl	Stats	Social Sciences [a]	Psychology	Poly Sci	History	Hum Behav	West Civ	Anthro	Sociology	Econ	Ethics	Gendr/Ethnc Stud	Business	Cul Heritage [d]	Critic Think	Phys Ed	Int'l Culture	Humanities [b]	Fine Art	Fresh Writ Sem	Gen Ed [f]	Eng Comp or Lit	Relig Studies	Rhetoric	Philosophy	Great Books	Music Appr	Foreign Lang	Communication	Public Speak	Chnge and Trad [c]	Writing
Nova Southeastern (FL)	*			62			R		R		R	CR	R	R					R	R										R	R				CR				R								R				R								R		
Ohio Northern				n/a					R		R	R	R	R					R	R								R																																	
Ohio State	*	180		120		X	R		R^^		R		R	R			R		R	R		R	R^^							S									S											R								S			
Oklahoma	*			70-80			R^^	R	R	CR	R	R	R	R			R		R	R			R		CR			CR				CR	R[5]	R[6]		R		CR	CR			R				R	R	R		R	R^^						CR		R		
Oregon State	*	82		65			R^^		R	R	R	R	R	R			R	R	R	R			R^^							R		R							R												R							R			
Pacific (CA)	*	96		64					R		R	R	R	R			R		R	R			R								CR	R							R[2]								CR			CR	R^^								R		
Pacific U (OR)				62			R^^		R		R	R	R	R			R		R	R			R								CR	R			CR				R								CR	CR			R^^								R		
Palm Beach Atlantic (FL)	*	90		65			R^^		R		R	R	R	R			R		R	R										R	CR				CR				R								R				R								R		
Philadelphia (PA)				66			R		R		R	R	R	R					R	R			R^^	R					R		R	CR	CR				CR	CR	CR								R				R										
Pittsburgh (PA)	*		6		4				R		R	R	R	R					R	R										R	R	R							R								R				R^^										
Puerto Rico				71-74					R		R	R	R	R					R	R			R^^	R							R	R							R								R				R						R[12]				
Purdue (IN)	*				4		R^^		R^^		R	R	R	R			R		R	R			R																R												R										
Rhode Island				67			R	R	R		R	R	R	R			R[7]		R	R								R	R		R																R														
Rutgers (NJ)				70			R		R		R	R	R	R					R	R			R							R	R	R						R	R[1]								R				R								CR		
Samford (AL)	*			64			R^^		R				R	R					R	R										R	R	CR	CR	CR		CR		CR	CR						R		R	CR			R^^	CR				CR			R		
Shenandoah (VA)	*			65			CR	CR	R		R	R	R	R	CR	CR	R	CR	R	R			R	CR							R								R	CR							R				R^^	CR		CR					R		
South (GA)	*		6		4		R^^		R		R	R	R	R					R	R			R								CR	R		R					R								R	CR			R^^								R		
South Carolina				66			R^^		R		R	R	R	R					R	R			R^^							R	R	R							R								R				R^^								R		
South Dakota				66			R^^		R		R		R	R			R		R	R										R	R								R								R				R^^								R		
Southern California	*	135		90			R	R	R		R	R	R	R			R	R	R	R			R^^							R	CR	CR			CR			CR	R								R											R			R^^
Southern Illinois				70			R^^		R		R	R	R	R					R	R			R^^								R	S	S					S	R[2]					R			R	R			R^^			CR					R		
St. John Fisher (NY)	*		6		4		CR		R		R	R	R	R			CR		R	R			R							R	R				CR				R								CR				R								R		
St. John's (NY)				68			R		R	R	R	R	R	R				R	R	R	R		R																	R[4]											R	R							R		
St. Louis (MO)	*			58			R^^	R	R		R	R	R	R			R		R	R			R^^									R						R					R^^								R^^										
SW Oklahoma				64					R		R		R	R			R		R	R			R						R			R	R[5]	R^^					R[2]							CR	R	R			R^^			S		S			S		
Temple (PA)	*			64-67	4				R^^		R	R	R	R					R	R			R^^								R[10,13]								R[2]		R					CR		R			R						CR				
Tennessee	*				6		R^^	R^^	R	CR	R	R	R	R	CR	R	R		R	R			R					CR		R	R																R			R	R^^								R		
Texas A&M				72					R		R	R	R	R			R	R	R	R			R							R	R		R	R													R	R			R							R			
Texas Southern				77			R		R		R	R	R	R					R	R			R	R					R		R		R[8]	R[6]													R	R			R^^^								R		
Texas Tech			6		4				R		R	R	R	R			R		R	R			R							R	R								R[2]								R[14]				R^^^								R		
Texas-Austin				65					R	R	R	R	R	R	R		R		R	R			R							R	R		R[6]	R[5]													R	S			R[15]		R[16]		R[32]						
Thomas Jefferson (PA)	**		8		4		R^^		R		R	R	R	R			R						R^^								R																R				R										
Toledo (OH)				63			R^^		R		R	R	R	R					R	R			R																R								R	R		R											
Touro (CA)	*					X	R		R			R	R				R		R	R																																									
Utah				75			R^^		R^^		R	R	R	R			R		R	R			R^^																											R											R[21]
Virginia	*		9		6		R^^	R	R	S	R	R	R	R	S	S	R		R	R			R							R	R																R				R^^		CR						R		
Washington	*	90		60					R		R	R	R	R			R		R	R										R	R																R				R^^										
Washington State	*				6		R^^	R	R[29]		R	R	R	R	CR	R	R	CR	R	R										R		R				R[31]			R[1]	CR		R[30]				CR					R			R					R		
Wayne State (MI)	*	90		60					R		R	R	R	R			R		R	R			R										R[5]	CR					R					R		CR		CR		CR	R^^			CR				R	R		
West Virginia	*			71					R		R	R	R	R			R		R	R			R^^							R	R					R			R[1]								R	R		R	R^^								S		
Western (CA)	*	90^		60^			R^^	R	R				R	R			R[7]		R	R																														R	R^^								R		
Wilkes (PA)				65					R[29]		R	R	R	R					R	R			R						CR	R	R	CR	CR	CR			CR	CR	R[1]								R	R		R	R			CR		CR	CR		R		
Wingate (NC)	*		8		4		S		R		R	R	R	R			R		R	R			R							R	R	S						S	R								R				R^^			S			S		R		
Wisconsin				62					R	CR	R	CR	R	R	CR				R	R			R^^									R		R			CR	CR	R[1]		R						R											R[9]			
Wyoming	*		8		4		R^^		R		R	R	R	R			R[7]		R	R																														R											
Xavier (LA)				65					R		R	R	R	R					R	R			R	R								CR						CR	R[1]	R[4]											R	R	R	R					R		
Total # REQUIRED						2	57	15	101	10	92	80	102	101	3	3	59	9	98	98	2	2	80	12	1	2	1	3	7	50	62	23	10	18	3	3	0	5	63	5	2	4	1	3	6	4	64	18	1	23	88	5	3	5	2	1	2	8	55	1	3
Total # CONDITIONALLY REQUIRED							5	3	1	6	3	6	0	0	7	1	5	3	0	0	0	1	1	1	0	0	0	7	1	2	9	13	7	8	8	2	6	14	7	3	1	0	0	2	0	2	7	9	0	2	2	3	2	6	0	3	7	3	3	0	0
TOTAL # SUGGESTED							3	4	0	2	0	0	0	0	4	3	3	0	0	0	1	0	0	0	1	0	0	0	6	5	1	2	2	1	1	0	1	3	1	1	0	3	0	0	1	0	2	5	0	0	0	0	0	2	0	0	4	1	2	0	0