

University of Pittsburgh School of Pharmacy PharmD/MS-Pharmaceutical Sciences Curriculum

Fall	Course No.	Cr	Prog	Spring	Course No.	Cr	Prog	Summer	Course No.	Cr	Prog
Professional Year 1											
Pharmacist Pt Care 1	PHARM 5110	3	RPD	Pharmacist Patient Care 2	PHARM 5111	3.5	RPD	Internship			External
Community Health 1	PHARM 5112	1	RPD	Community Health 2	PHARM 5113	1	RPD				
Anatomy & Physiology 1	PHARM 5114	3	RPD	Anatomy & Physiology 2	PHARM 5115	3	RPD				
Biochemistry 1	PHARM 5124	3	RPD	Biochemistry 2	PHARM 5125	3	RPD				
Dose Design & Delivery	PHARM 5219	4	RPD	Principles of Drug Action	PHARM 5118	4	RPD				
Emerging Professional	PHARM 5120	1	RPD	Case Conference Series 2	PHARM 5121	1	RPD				
Case Conference Series 1	PHARM 5122	1	RPD	Prof & Career Develop 1	PHARM 5133	0.5	RPD				
Required PharmD (RPD)		16		Required PharmD (RPD)		16					
Total PharmD Credits		16		Total PharmD Credits		16					
Professional Year 2											
NonRx Ther & Self-Care	PHARM 5210	3	RPD	Drug Lit Anal & Evaluation	PHARM 5211	3	RPD	Internship			External
Comm Pharmacist Pract 1	PHARM 5212	1	RPD	Comm Pharmacist Practice 2	PHARM 5213	1	RPD	Stat Methods	PHARM 3040	3	RM/EPD
P' therapy of CV disease	PHARM 5216	3.5	RPD	Drug Disc & Development	PHARM 5119	3	RPD				
PK & Drug Response	PHARM 5218	3.5	RPD/RM	GI/Nutrition	PHARM 5223	2	RPD				
Case Conference Series 3	PHARM 5220	1	RPD	Case Conference Series 4	PHARM 5227	1	RPD				
Fund of Immunology	PHARM 5222	3	RPD	Nephrology & Pulmonology	PHARM 5229	2	RPD				
Electives		0-3	EPD/EM	Pharmacotherapy of Inf Dis 1	PHARM 5231	3	RPD				
				Prof & Career Develop 2	PHARM 5233	0.5	RPD	≤ 5 summer credits incur no additional tuition			
				Electives		0-3	EPD/EM				
Required PharmD (RPD)		15		Required PharmD (RPD)		15.5		Required PharmD (RPD)		0	
Req PharmD/Elective MS (RPD/EM)		3.5		Elective PharmD/Elective MS (EPD/EM)		0-2.5		Req MS/Elect PharmD (RM/EPD)		3	
Elective PharmD/Elective MS (EPD/EM)		0-3									
Total PharmD/MS Credits		15-18/0-6.5		Total PharmD/MS Credits		15.5-18/0-2.5		Total PharmD/MS Credits		0/3	
Apply to MS in P2 fall				Notified of MS acceptance/denial							
Professional Year 3											
Health Syst Pharmacy 1	PHARM 5312	1	RPD	Safe Med & P' economics	PHARM 5311	2	RPD	APPE	PHARM 5401	5	
Endocrinology	PHARM 5318	3	RPD	Health System Pharmacy 2	PHARM 5313	1	RPD	APPE	PHARM 5402	5	
Pop Health & Manag	PHARM 5320	2	RPD	Oncology/Hematology	PHARM 5315	2	RPD	APPE	PHARM 5403	5	
Pharmacy Law	PHARM 5322	2	RPD	Neurology/Psychiatry	PHARM 5319	4	RPD				
Case Conference Series 5	PHARM 5324	1	RPD	Critical Care & Nephrology	PHARM 5321	2	RPD	Students may choose an off block for APPEs, so total credits from APPEs are 40-45			
Infectious Diseases 2	PHARM 5326	2.5	RPD	Case Conference Series 6	PHARM 5323	1	RPD				
Adv Ther: Immunology	PHARM 5328	2	RPD	Prof & Career Develop 3	PHARM 5333	0.5	RPD				
Journal Club	PHARM 3052	1	RM/EPD	Journal Club	PHARM 3052	1	RM/EPD				
Scientific Writing	PHARM 3049	2	RM/EPD	Research Practicum/elective	PHARM 3042	2	RM/EPD				
Required PharmD (RPD)		13.5		Required PharmD (RPD)		12.5		Required PharmD (RPD)		15	
Required MS/Elective PharmD (RM/EPD)		3		Required MS/Elective PharmD (RM/EPD)		3					
Total PharmD/MS Credits		15.5		Total PharmD/MS Credits		15.5		Total PharmD/MS Credits		15	
Professional Year 4											
APPE	PHARM 5404	5	RPD	APPE	PHARM 5407	5	RPD	Res Practicum	PHARM 3042	0-5	
APPE	PHARM 5405	5	RPD	APPE – Research rotation	PHARM 5408	5	RPD/RM				
APPE	PHARM 5406	5	RPD	APPE – Research rotation	PHARM 5409	5	RM/EPD				
Required PharmD (RPD)		15		Required PharmD (RPD)		5		Required MS (RM)		0-5	
				Required PharmD/Elective MS (RPD/EM)		5					
				Required MS/Elective PharmD (RM/EPD)		5					
Total PharmD/MS Credits		17		Total PharmD/MS Credits		10-15/10		Total MS Credits		0-5	
				Total Required PharmD Credits		134.5					
				PharmD Graduation				NAPLEX/MPIE			
MS Year 1											
Res Practicum/electives		4-10		Res Practicum/electives		4-10		MS Thesis	Pharm 2010	1	
Pharm Sci Seminar	PHARM 3025	1		Pharm Sci Seminar	PHARM 3025	1					
Pharmaceutical Analysis	PHARM 2001	4		Foundations in Pharm Sci	PHARM 3071	4		Thesis Defense			
Total MS Credits		9-15		Total MS Credits		9-15		Total MS Credits		1	
								Total MS Credits Required		30	
								• Total PharmD Only Credits: 123.5 • Total MS Only Credits: 21-31 • Total Overlap Credits: 11-21			

- RPD: Required PharmD Course/Credits
- RM/EPD: Required MS/Elective PharmD Course/Credit
- RPD/EM: Required PharmD/Required MS Course/Credit
- RM: Required MS Course/Credit
- EPD/EM: Elective PharmD/Elective

- APPE research rotation credits are required for MS
- MS requires ≥ 3.0 gpa and ≥ B- in all core courses
- MS credits can begin accruing final year of BS degree