

University of Pittsburgh School of Pharmacy PA-POR NTMS Curriculum						
Fall	Course No.	Units	Spring	Course No.	Units	
MS PA-POR Year 1						
Stat Methods 1/Recitation	PHARM 3040	3	Pharmacoepidemiology	PHARM 2003	2	
Intro to US Healthcare System*	PHARM 3306	1	Advanced Stat Methods	PHARM 3045	3	
Conducting Research w/ Large Biomed Databases*	PHARM 3302	1	Communicating Data*	PHARM 3312	1	
Topics and Methods in POPR*	PHARM 3052	1	Secondary Database Applications#	PHARM 3301	1	
Research Methods#	PHARM 3304	1.5	Topics and Methods for Secondary Database Evals#	PHARM 3303	1	
Data Security and Privacy #	PHARM 3308	1	Secondary Data Sources, Methods, and Tools#	PHARM 3310	1	
Specialization Electives		1-2.5	Specialization Electives		1-6	
	Credits	9.5-15			9-15	
MS PA-POR Year 1						
Research Practicum/electives	PHARM 3042	5-11	MS Thesis	PHARM 2010	1-12	
Pharm Sci Seminar	PHARM 3024	1	Pharm Sci Seminar (20min Presentation)	PHARM 3025	1	
Journal Club		1				*First 7 Weeks
Scientific Writing	PHARM 3049	2	THESIS DEFENSE			#Second 7 Weeks
						Must have $\geq 3.0$ gpa
	Credits	9-15		Credits	9-15	Total MS Credits $\geq 30$

- *Good academic standing:  $\geq 3.0$  gpa and  $\geq C+$  in all core courses*
- *2 credits of journal clubs & 2 credits of seminar are required*