

University of Pittsburgh School of Pharmacy PhD – Pharmaceutical Outcomes and Policy Research

Fall	Course No.	Units	Spring	Course No.	Units	Summer	Course No.	Units
PhD Year 1								
Research Practicum/electives	PHARM 3042/Electives	0.5	Research Practicum/electives	PHARM 3042/Electives	4.5			
Pharmaceutical Sciences Seminar	PHARM 3024	1	Applied Multivariate Statistics	PHARM 3073	3			
Journal Club	PHARM 3052	1	Foundations in Clinical Drug Development & Assessment	PHARM 3077	1.5			
Stat Methods 1/Recitation	PHARM 3040	3	Pharmaceutical Sciences Seminar	PHARM 3025	1			
Research with Biomedical Database	PHARM 3302	1	Journal Club	PHARM 3303	1			
Research Methods	PHARM 3304	1.5	Pharmacoepidemiology	PHARM 2003	2			
Data Privacy & Security	PHARM 3308	1	Secondary Database Application	PHARM 3301	1			
Intro to SAS	EPIDEM 2185	1	Secondary Data Sources, Methods & Tools	PHARM 3310	1			
Biochemical Pharmacology	PHARM 3053	4	US Healthcare System	PHARM 3306	1			
PhD Credits		15	PhD Credits		15			
PhD Year 2								
Research Practicum/electives	PHARM 3042/Electives	7	Research Practicum/electives	PHARM 3042/Electives	7	Internship		
Grant Writing 1	PHARM 3038	2	Grant Writing 2	PHARM 3039	2			
Pharmaceutical Sciences Seminar	PHARM 3024	1	Pharmaceutical Sciences Seminar	PHARM 3025	1			
Journal Club	PHARM 3052	1	Journal Club	PHARM 3303	1			
Longitudinal & Clustered Data Analysis	BIOST 2050	2	Advanced Statistical Methods	PHARM 3045	3			
Applied Survival Analysis: Methods and Practice	BIOST 2150	2	Communicating Data	PHARM 3312	1			
PhD Credits		15	PhD Credits		15			
PhD Year 3								
Research Practicum/electives	PHARM 3042/Electives	12-15	Full-Time Dissertation					
Comprehensive Exam/Candidacy						Total PhD Credits ≥72		
PhD Year 4								
Full-Time Dissertation			Full-Time Dissertation					
PhD Year 5								
Full-Time Dissertation			Full-Time Dissertation /Thesis Defense					

- Core Courses in Pharmaceutical Sciences
- Track-specific Courses
- Good academic standing: ≥ 3.0 gpa and ≥ C+ in all core courses
- 4 credits of journal clubs & 4 credits of seminar are required