

University of Pittsburgh School of Pharmacy PhD – Clinical Pharmaceutical Scientist Program

Fall	Course No.	Units	Spring	Course No.	Units	Summer	Course No.	Units
PhD Year 1								
Research Practicum/electives	PHARM 3042/Electives	6.5	Research Practicum/electives	PHARM 3042/Electives	4	Computer Methods for Clinical Research	CLRES 2005	1
Pharmaceutical Sciences Seminar	PHARM 3024	1	Pharmaceutical Analysis	PHARM 2001	4	Clinical Research Methods	CLRES 2010	3
Journal Club	PHARM 3034	1	Foundations in Pharmaceutical Sciences	PHARM 3071	4			
Statistical Methods 1/Recitation	PHARM 3040	3	Pharmaceutical Sciences Seminar	PHARM 3025	1			
Biochemical Pharmacology	PHARM 3053	4	Journal Club		1			
Pharmacokinetics& Drug Response	PHARM 5218	3.5	Ethics & Responsible Conduct of Research	CLRES 2050	1			
PhD Credits		15	PhD Credits		15	PhD Credits 4		
PhD Year 2								
Research Practicum /electives	PHARM 3042/Electives	5	Research Practicum/electives	PHARM 3042/Electives	9-11	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		1	Journal Club		1			
Regression & ANOVA	CLRES 2021	1						
Logistic Regression	CLRES 2022	1						
Advanced Pharmacokinetics	PHARM 3002	4	Clinical Pharmacy Environments*	PHARM 3067	2			
PhD Credits		15	PhD Credits		15			
PhD Year 3								
Research Practicum/electives	PHARM 3042/Electives	8	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
- ICRE Clin Research Certificate
- Good academic standing: ≥ 3.0 gpa and ≥ C+ in all core courses
- 4 credits of journal clubs & 4 credits of seminar are required
- *PHARM 3067 for non-PharmD students only