

Pharmaceutical Sciences Minor

Degree Requirements: Catalog Year 2020-2021

- 18 units are required.
- A minimum of 9 of the 18 minor units must be upper-division (300 or 400-level).
- A minimum GPA of 2.0 is required in the minor coursework.
- Most minor courses have prerequisites that will need to be completed prior to enrollment. These prerequisite courses do not count toward the minor, but are required in order to access minor courses.
- A maximum of 6 units of research credit (including PCOL 299, 299H, 392, 399, 399H, 492, 498H, 499, or 499H) may be applied toward minor requirements.

Available minor courses include:

Course #	Title	Availability	Prerequisites	Units	Completed?
PCOL 196D	The Joy of Drugs: An Intro to Pharmaceutical Sciences	F/Sp	None	1	
PCOL 300	Pharmacology of Cosmetics	Varies	CHEM 152	3	
PCOL 305	Scientific Writing for Health Sciences	F/Sp	ENGL 102	3	
PCOL 310	Drug Approval: The 3 Billion Dollar Bet	F	ENGL 102	2	
PCOL 350	ADME: How the Body Changes Drugs	Sp	CHEM 241B+243B AND (PSIO 202 corequisite or PSIO 380 prerequisite)	3	
PCOL 355	Drug Delivery Systems	F	CHEM 241B+243B	3	
PCOL 390	Biomarkers: Analysis of Drug Effect/Toxicity	F	PCOL 406 AND PSIO 202 or 380 AND CHEM 241A	3	
PCOL 396	Special Topics in Pharmacy	Varies	None	1-3 (varies by semester)	
PCOL 406	Comprehensive Human Pharmacology	F	(PSIO 202 corequisite or PSIO 380 prerequisite) AND CHEM 241A	5	
PCOL 410	Integrated Medicinal Chemistry	Sp	CHEM 241B+243B	5	
PCOL 440	Rigor & Reproducibility	Sp	MCB 181R+L	2	
PCOL 473	Pharmacogenomics	Sp	PCOL 350	3	
PCOL 299, 299H, 392, 399H, 492, 498H, 499, 499H	Independent Study, Directed Research, Honors Thesis	F/Sp/Su	None	1-5 per semester, max of 6 applied toward minor	
Total units completed					
Total upper-division units completed					