

The undergraduate minor in Pre-Pharmacy Studies requires 62-63 semester credit hours. The minor contains prerequisite courses commonly required by pharmacy schools in the United States. Individual pharmacy schools may require or recommend additional courses, and prerequisites can change without notice. Visit the admissions websites for pharmacy schools you are interested in to ensure you meet all their requirements.

Code	Title	Hours
Required Courses		
Biology		
BIO 1330 & BIO 1130	Functional Biology and Functional Biology Laboratory	4
BIO 1331 & BIO 1131	Organismal Biology and Organismal Biology Laboratory	4
BIO 2400	Microbiology	4
BIO 2450	Genetics	4
Choose 8 hours from the following:		8
BIO 2451 & BIO 2452	Human Anatomy and Physiology I and Human Anatomy and Physiology II	
BIO 3425 & BIO 3426	Human Anatomy and Human Physiology	
Chemistry		
CHEM 1341 & CHEM 1141	General Chemistry I and General Chemistry Laboratory I	4
CHEM 1342 & CHEM 1142	General Chemistry II and General Chemistry Laboratory II	4
CHEM 2341 & CHEM 2141	Organic Chemistry I and Organic Chemistry Laboratory I	4
CHEM 2342 & CHEM 2142	Organic Chemistry II and Organic Chemistry Laboratory II	4
CHEM 3375 or CHEM 4375	Principles of Biochemistry Biochemistry	3
Mathematics		
Choose 6-7 hours from the following:		6-7
MATH 2321 or MATH 247	Calculus for Life Sciences I Calculus I	
MATH 2328 or MATH 3305	Elementary Statistics Introduction to Probability and Statistics	
Physics		
Choose 4 hours from the following:		4
PHYS 1315 & PHYS 1115	General Physics I and General Physics I Laboratory	
PHYS 1335 & PHYS 1115	General Physics I for Life Sciences Majors and General Physics I Laboratory	
PHYS 2325 & PHYS 2125	Mechanics and Mechanics Laboratory	
English		
Choose 6 hours from the following:		6
ENG 1310	College Writing I	
ENG 1320	College Writing II	
ENG 1321	Writing for Sustainable Change	
ENG 2310	British Literature before 1785	
ENG 2320	British Literature since 1785	
ENG 2330	World Literature before 1600	

ENG 2340	World Literature since 1600	
ENG 2359	US Literature before 1865	
ENG 2360	US Literature since 1865	
ENG 2371	U.S. Literature: Writing Identities	
ENG 3303	Technical Writing	
ENG 3313	Scientific Writing	
HON 2301A	Writing to Change the World	
HON 2301B	Writing Yourself into Academia: Creating Portraiture	
Choose 3 hours from the following:		3
ECO 2315	Principles of Macroeconomics	
SOCI 1310	Introduction to Sociology	
PSY 1300	Introduction to Psychology	
Total Hours		62-63