



Health Professions Pathways Program (H3P)

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PRE-PHARMACY RECOMMENDED COURSEWORK

Pharmacy schools do not require a specific undergraduate major for admission; however, they do expect applicants to complete foundational coursework in the basic sciences. The Health Professions Pathways Program, in collaboration with campus academic partners, recommends the following coursework to help students meet common U.S. pharmacy school prerequisites and prepare for competitive admission.

Because prerequisite requirements vary among pharmacy schools, these recommendations may not satisfy all requirements for every institution. Coursework beyond the recommendations listed below may be required or recommended by specific pharmacy schools. Additionally, some pharmacy schools may accept equivalent coursework that fulfills the same subject requirement. Students should use these recommendations as a guide, consult with their academic advisors, and verify requirements through the [PharmCAS School Directory](#) and individual program websites.

RECOMMENDED GU COURSES ALIGNED WITH COMMON PHARMACY SCHOOL PREREQUISITES	CREDITS
3 Semesters of Biology	
BIOL 105/L Info Flow in Biological Systems with lab	4
BIOL 106 Energy Flow in Biological Systems	3
BIOL 170/L Intro to Microbiology with lab or BIOL 370/L Microbiology with lab	4
5 Semesters of Chemistry	
CHEM 101/L General Chemistry with lab	4
CHEM 102/L General Chemistry II with lab	4
CHEM 230/L Organic Chemistry I with lab	4
CHEM 231/L Organic Chemistry II with lab	4
CHEM 307/L Biochemistry I with lab (<i>previously listed as CHEM 245/L</i>)	4
2 Semesters of Physics	
PHYS 111/L General Physics I with lab or PHYS 121 Physics I with lab	5
PHYS 112/L General Physics II with lab or PHYS 122 Physics II with lab	5
2 Semesters of Anatomy & Physiology	
HPHY 241/L Human Anatomy & Physiology I with lab	4
HPHY 242/L Human Anatomy & Physiology II with lab	4
2 Semesters of Mathematics	
MATH 121 Statistics	3
MATH 148 Survey of Calculus or MATH 157 Calculus-Analytic Geometry	3 to 4
1 Semester of Social Science	
PSYC 101 General Psychology or SOCI 101 Intro to Sociology	3
TOTAL	58 to 59

Additional Considerations:

- AP, IB, and dual-enrollment credit may not satisfy prerequisite requirements.

Student Responsibilities:

Students are responsible for confirming prerequisite or minimum-grade requirements, co-requisites that must be completed concurrently, registration restrictions (major, minor, class standing) and course availability and scheduling. Verify this information through Zagweb, the Gonzaga course catalog, or consultation with an academic advisor.