

# PRE-PHARMACY

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Students intending to apply to a graduate pharmacy program would be best prepared by completing a Biochemistry B.S. (<http://catalog.csp.edu/undergraduate/majors/biochemistry-bs-traditional/>), Biology B.S. (<http://catalog.csp.edu/undergraduate/majors/biology-bs-traditional/>), or Chemistry B.A. (<http://catalog.csp.edu/undergraduate/majors/chemistry-ba-traditional/>).

Concordia University St. Paul's 3+4 partnership with Concordia University Wisconsin allows eligible students to complete their Biology B.S. or Chemistry B.A. and a doctor of pharmacy in seven years. Students will spend their first three years at Concordia, St. Paul, and the final four years at Concordia, Wisconsin.

Code	Title	Credits
These are the generally required courses for entrance into pharmacy school. <sup>1</sup>		
<b>Biology with lab (1 year)</b>		
BIO 120	General Biology I (4)	
BIO 130	General Biology II (4)	
<b>Microbiology with lab</b>		
BIO 300	Microbiology (4)	
<b>Anatomy and Physiology (with lab)</b>		
BIO 315	Human Anatomy and Physiology I (4)	
BIO 316	Human Anatomy and Physiology II (4)	
<b>General Chemistry with lab (1 year)</b>		
CHE 115	General Chemistry I (4)	
CHE 116	General Chemistry II (4)	
<b>Organic Chemistry with lab (1 year)</b>		
CHE 221	Organic Chemistry I (4)	
CHE 222	Organic Chemistry II (4)	
<b>Physics with lab (2 trig based or 1 calc based)</b>		
PHS 221	General Physics I (4)	
PHS 222	General Physics II (4)	
<b>Advanced Biology course (Biochemistry recommended)</b>		
CHE 328	Biochemistry I (4)	
<b>Statistics</b>		
MAT 110	Introduction to Probability and Statistics (3)	
<b>Math</b>		
MAT 135	Calculus I (4)	

<sup>1</sup> Students should look into specific requirements for each school they plan to apply to.