

# PRE-PHARMACY

Students intending to apply for pharmacy school would be best prepared by completing a Biochemistry B.S. (<http://catalog.csp.edu/archive/2019-2020/undergraduate/majors/biochemistry-bs-traditional>), Biology B.S. (<http://catalog.csp.edu/archive/2019-2020/undergraduate/majors/biology-bs-traditional>), or Chemistry B.A (<http://catalog.csp.edu/archive/2019-2020/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
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These are the generally required courses for entrance into pharmacy school.<sup>1</sup>

## Biology with lab (1 year)

BIO 120	General Biology I (4)	
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BIO 130	General Biology II (4)	
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## Microbiology with lab

BIO 300	Microbiology (4)	
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## Anatomy and Physiology (with lab)

BIO 315	Human Anatomy and Physiology I (4)	
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BIO 316	Human Anatomy and Physiology II (4)	
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## General Chemistry with lab (1 year)

CHE 115	General Chemistry I (4)	
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CHE 116	General Chemistry II (4)	
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## Organic Chemistry with lab (1 year)

CHE 221	Organic Chemistry I (4)	
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CHE 222	Organic Chemistry II (4)	
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## Physics with lab (2 trig based or 1 calc based)

PHS 112	Introductory Physics for Biological and Health Sciences I (4)	
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or PHS 221 General Physics I (Calc Based) (4)

PHS 113	Introductory Physics for Biological and Health Sciences II (4)	
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or PHS 222 General Physics II (Calc Based) (4)

## Advanced Biology course (Biochemistry recommended)

CHE 328	Biochemistry I (4)	
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## Statistics

MAT 110	Introduction to Probability and Statistics (3)	
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## Math

MAT 135	Calculus I (4)	
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<sup>1</sup> Students should look into specific requirements for each school they plan to apply to.