

University of Minnesota College of Pharmacy  
**2015 GUIDE OF APPROVED PREPHARMACY COURSES FOR**  
**St. Cloud State University**

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U of MN Pharmacy Prerequisites	Course	Notes /other acceptable courses
<b>General Biology (with lab)</b>		
1 course	BIOL 151	
<b>Microbiology (with lab)</b>		
1 course	BIOL 206	Another acceptable course: BIOL 362
<b>Advanced Biology</b>		
1 course	SEE NOTE ----->	Recommended courses: biochemistry, cell biology, genetics, or molecular biology. Any other advanced biology course must focus on the human body to be considered.
<b>Human Anatomy</b>		
1 course*	BIOL 202 & 204	Another acceptable course: BIOL 366
<b>Human Physiology</b>		
1 course*	BIOL 202 & 204	Another acceptable course: BIOL 478/578
<b>Calculus</b>		
1 course	MATH 221	
<b>Statistics</b>		
1 course	STAT 229	Another acceptable courses: STAT 219, 239, 319, 353, BIOL 390
<b>General Chemistry (with labs)</b>		
	CHEM 210 & 211	
<b>Organic Chemistry (with labs)</b>		
2 courses (O Chem I & II) CHEM	CHEM 310 & 311	
<b>Physics</b>		
1 course, calculus based	PHYS 234	Another acceptable sequence: PHYS 231 & 232
<b>Social &amp; Behavioral Sciences</b>		
2 courses**	SEE NOTE ----->	Recommended courses: psychology, sociology, economics, human development, epidemiology, global issues, education, and anthropology.
<b>English Composition</b>		
1 advanced course **	ENGL 331	Another acceptable course, ENGL 332
<b>Public Speaking or Interpersonal Communication**</b>		
1 course	CMST 211 or 220	Another acceptable course: CMST 192

*\*If completing a combined sequence, both semesters must be taken to fulfill both Human Anatomy & Physiology, or the combined one semester course must be a minimum of 5 semester credits, unless pre approved by the College of Pharmacy.*

*\*\*A bachelor's degree from a regionally accredited U.S. institution will fulfill the non-math/non-science prerequisites: two social/behavioral sciences, advanced English composition and public speaking/interpersonal communication.*

**Pre pharmacy requirements:**

Pre pharmacy courses must be at least 3 semester credits, taken A-F, and completed with a grade of C- or better before enrollment. The College strongly advises applicants not to take courses with labs instructed via distance learning or online.

Applicants must have an overall GPA of 3.00 OR 3.2 over the most recent 60 semester credits OR composite PCAT of 70% or greater.