

University of Minnesota College of Pharmacy
2019 GUIDE OF APPROVED PREPHARMACY COURSES FOR
St. Cloud State University

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U of MN Pharmacy Prerequisites	Course	Notes/other acceptable courses
General Biology	BIOL 151	
Microbiology	BIOL 206	Another acceptable course: BIOL 362
Advanced Biology	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.
Human Anatomy and Physiology*	BIOL 202 & 204	Another acceptable sequence: BIOL 366 & BIOL 478
Calculus	MATH 221	
Statistics	STAT 239	Other acceptable courses: STAT 219, 353
General Chemistry	CHEM 210 & 211	
Organic Chemistry	CHEM 310 & 311	
Physics	PHYS 231 or 234	

*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 four semester credits, unless preapproved by the College of Pharmacy.

**If you don't have a bachelor's degree from a regionally accredited U.S. institution, then you must take the courses listed below, in addition to the courses listed above.

Social & Behavioral Sciences**		
2 courses	SEE NOTE ----->	Recommended courses: psychology, sociology, economics, human development, epidemiology, global issues, education, and anthropology
English Composition**	ENGL 331	Another acceptable course: ENGL 332
1 advanced course		
Public Speaking or Interpersonal Communication**	CMST 211 or 220	Other acceptable courses: CMST 192, or any introductory communications course

Prepharmacy requirements:

Prepharmacy courses must be at least three 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.



DEPARTMENT OF CHEMISTRY
 & BIOCHEMISTRY
 ST. CLOUD STATE UNIVERSITY