2013 GUIDE OF APPROVED PREPHARMACY COURSES FOR:

Minnesota State University, Moorhead

1104 7th Ave S., Moorhead, MN 56563

Last update: 1/31/2013	http://www.mnstate.edu/home/		
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UofMN Pharmacy Prerequisites	Semester	Notes / other acceptable courses
General Biology (with lab)		
1 course	BIOL 111/111L	Another acceptable course: BIOL 115
Microbiology (with lab)		
1 course	BIOL 350/350L	
Advanced Biology		
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.
Human Anatomy		
1 course*	BIOL 323	
Human Physiology		
1 course*	BIOL 349	
Calculus		
1 course	MATH 261	
Statistics		
1 course	MATH 234	Other acceptable courses: MATH 236, 244, 335 or BIOL 275
General Chemistry (with labs)		
	CHEM 150/150L CHEM 210/210L	
Organic Chemistry (with labs)		
2 courses (O Chem I & II)	CHEM 350/355 CHEM 360/365	
Physics		
1 course, calculus-based	PHYS 200	Another acceptable sequence: PHYS 160 & 161
Social & Behavioral Sciences		
2 courses	SEE NOTE - - - - >	Recommended courses: psychology, sociology, economics, human development, epidemiology, global issues, education, and anthropology.
English Composition		
1 advanced course **	ENGL 102	Other acceptable courses: ENGL 201, 202
Public Speaking or Interpersonal Communication		
1 course	CMST 100	Another acceptable course: CMST 315

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

**If completing a bachelor's degree and your school has an advanced writing requirement to graduate, this prerequisite may be waived.

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 on the web. 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 to qualify for admission.