

SCIENCE AND MATH DEPARTMENT 1-605-626-2456 northern.edu



## Pre-Pharmacy Example Study Plan

**First Year** 

Fall	
Course	Credit
BIOL 151/L, General Biology I	4
CHEM 112/L, General Chemistry I	4
MATH 114/L, College Algebra	3-4
ENGL 101, Composition I	3
TOTAL CREDITS	

## Second Year

Fall	
Course	Credit
CHEM 326/L, Organic Chemistry I	4
MATH 123, Calculus I	4
SPCM 101, Fundamentals of Speech	3
TOTAL CREDITS	

## Third Year

Fall	
Course	Credit
BIOL 281, Introduction to Statistics	3
PHYS 213/L, University Physics II	4
BIOL 221/L, Human Anatomy	4
TOTAL CREDITS	

## Fourth Year

Fall	
Course	Credit
BIOL 331/L, Microbiology	4
ECON 201 or 202, Microeconomics or	3
Macroeconomics	
TOTAL CREDITS	

Spring	
Course	Credit
BIOL 153/L, General Biology II	4
CHEM 114/L, General Chemistry II	4
MATH 120, Trigonometry	3
ENGL 201, Composition II	3
TOTAL CREDITS	

Spring	
Course	Credit
CHEM 328/L, Organic Chemistry II	4
PHYS 211/L, University Physics I	4
BIOL 285, Medical Terminology	3
(recommended, not required)	
TOTAL CREDITS	

Spring	
Course	Credit
BADM 457, Business Ethics (HV Gen Ed)	3
BIOL 325/L, Physiology	4
TOTAL CREDITS	

Spring	
Course	Credit
BIOL 383, Bioethics (recommended, not	3
required)	
TOTAL CREDITS	