

**The University of Iowa College of Pharmacy**  
**Prerequisite Equivalents from**  
**Bemidji State University, Bemidji, MN**

The University of Iowa

Rhetoric I – 10:1

Rhetoric II – 10:2

Principles of Chemistry I – 4:11

Principles of Chemistry II – 4:12

Calculus for Biological Sciences – 22M:16

Physics (if needed) – 29:8

(needed only if 1 yr. HS Physics not completed)

Principles of Biology I – 2:10

Principles of Biology II – 2:11

Organic Chemistry I – 4:121

Organic Chemistry II – 4:122

Human Anatomy – 60:110

Human Physiology – 27:130

Microbiology – 61:112

Microeconomics – 6E:1

Statistics – 22S:XX (not 22S:002)

General Education Electives

Bemidji State University

ENGL 1101 College Writing I AND

ENGL 1102 College Writing II AND

THSP 1100 Public Speaking

CHEM 1211 Principles of Chemistry I

CHEM 1212 Principles of Chemistry II

MATH 2171 Concepts of Calculus I OR

MATH 2471 Calculus I

PHYS 1101 General Physics I OR

PHYS 2010 Physics I

BIOL 1211 Introductory Biology I AND

BIOL 1212 Introductory Biology II

CHEM 2311 Organic Chemistry I

CHEM 2312 Organic Chemistry II

BIOL 2110 Human Anatomy and Physiology

BIOL 3260 Medical Physiology

BIOL 3710 Microbiology

ECON 2000 Markets and Resource Allocation

STAT 2610 Applied Statistics OR

STAT 3660 Statistics for the Health Sciences

\*\*see below

Note: The Rhetoric requirement is waived for students entering The University of Iowa College of Pharmacy holding a bachelor's degree.

\*\*20 s.h. of general education electives are required for graduation from the College of Pharmacy. It is required to complete at least 12 s.h. prior to entering the College. General education electives may include most transferable courses with the exception of mathematics, science, or applied coursework (e.g. studio art, music, acting, dancing or P.E.). Suggested courses to take include computer science, Ethics or a Moral Reasoning course.