

**University of Iowa College of Pharmacy
Prerequisite Equivalents from
Iowa Valley Community College District
Ellsworth Community College, Iowa Falls, IA
Marshalltown Community College, Marshalltown, IA**

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

Health Sciences Microbiology – 61:164

Microeconomics – 6E:1

Statistics – 22S:XX (not 22S:002)

General Education Electives

IVCCD

ENG105 Composition I AND

ENG106 Composition II AND

SPC112 Public Speaking

CHM165 General Chemistry I

CHM175 General Chemistry II

MAT165 Business Calculus OR

MAT210 Calculus I

PHY121 Elements of Physics OR

PHY 162 College Physics I

BIO112 General Biology I AND

BIO113 General Biology II

CHM261 Organic Chemistry I

CHM271 Organic Chemistry II

BIO177 Human Anatomy

BIO180 Human Physiology

BIO186 Microbiology

ECN130 Principles of Microeconomics

MAT156 Statistics

**see below

**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.