

**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

Iowa Valley Community College District

Rhetoric – RHET:1030  
 (waived if holding a bachelor's degree)

ENG105 Composition I AND  
 ENG106 Composition II AND  
 SPC112 Public Speaking

Principles of Chemistry I – CHEM:1110  
 Principles of Chemistry II – CHEM:1120

CHM165 General Chemistry I  
 CHM175 General Chemistry II

Foundations of Biology – BIOL:1411  
 Diversity of Form & Function – BIOL:1412

BIO112 General Biology I  
 BIO113 General Biology II

Organic Chemistry I – CHEM:2210  
 Organic Chemistry II – CHEM:2220

CHM261 Organic Chemistry I  
 CHM271 Organic Chemistry II

Biochemistry – BIOC:3110

CHM290 Survey of Biochemistry

Calculus for Biological Sciences –  
 MATH:1460

MAT165 Business Calculus OR  
 MAT210 Calculus I

Physics (if needed) – PHYS:1400  
 (needed only if 1 yr. HS Physics not completed)

PHY121 Elements of Physics OR  
 PHY 162 College Physics I

Human Anatomy – ACB:2110

BIO168 Human Anatomy and Physiology I

Human Physiology – HHP:3500

BIO173 Human Anatomy and Physiology II

Microbiology – MICR:3112

BIO186 Microbiology

Statistics – STAT:XXXX (not STAT:1010)

MAT156 Statistics

Microeconomics – ECON:1100

ECN130 Principles of Microeconomics

General Education Electives

\*\*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.