

**University of Iowa College of Pharmacy**  
**Prerequisite Equivalents from**  
**Ashford University, Clinton, 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

Ashford University

ENG 101 English Composition I AND

ENG 102 English Composition II AND

SPE 103 Oral Communication

CHE 101 General Chemistry I

CHE 102 General Chemistry II

MAT 201 Calculus I w/ Analytic Geometry OR

MAT 211 Managerial Calculus

PHY 201 College Physics I

BIO 103 Principles of General Biology I AND

BIO 104 Principles of General Biology II

CHE 301 Organic Chemistry I

CHE 302 Organic Chemistry II

BIO 205 Human Anatomy & Physiology I AND

BIO 206 Human Anatomy & Physiology II

BIO 201 Microbiology

ECO 204 Principles of Microeconomics

MAT 332 Intro. to Probability and 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.