

The University of Iowa College of Pharmacy
Prerequisite Equivalents from
Iowa State University, Ames, IA

The University of Iowa

Iowa State University

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

Engl 150 Critical Thinking and Comm. AND
 Engl 250 Writ, Oral, Visual, and Elec. Comp. AND
 Sp Cm 212 Fundamentals of Public Speaking

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

Chem 177 + 177L General Chemistry I
 Chem 178 + 178L General Chemistry II

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

Biol 211 + 211L Principles of Biology I
 Biol 212 + 212L Principles of Biology II

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

Chem 331 Organic Chemistry
 Chem 332 Organic Chemistry

Biochemistry – BIOC:3110

BBMB 301 Principles of Biochemistry

Calculus for Biological Sciences – MATH:1460

Math 151 Calculus for Business & Soc. Sci. OR
 Math 160 Survey of Calculus OR
 Math 165 Calculus I OR
 Math 181 Calculus & M.M. for the Life Sciences I

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

Phys 106 Physics of Common Experience OR
 Phys 111 General Physics

Human Anatomy – ACB:2110
 Human Physiology – HHP:3500

Biol 255 Fundamentals of Human Anatomy
 Biol 256 Fundamentals of Human Physiology

Microbiology – MICR:3112

Micro 201 + 201L Intro to Microbiology OR
 Micro 302 + 302L Biology of Microorganisms

Statistics – STAT:XXXX (not STAT:1010)

Stat 101 Principles of Statistics OR
 Stat 104 Introduction to Statistics OR
 Stat 105 Introduction to Statistics for Engineers OR
 Stat 226 Introduction to Business Statistics I

Microeconomics – ECON:1100

Econ 101 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.