

**University of Iowa College of Pharmacy**  
**Prerequisite Equivalents from**  
**Des Moines Area Community College**

University of Iowa

Des Moines Area Community College

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

ENG 105 Composition I AND  
 ENG 106 Composition II AND  
 SPC 101 Fund. of Oral Communication

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

CHM 165 General/Inorg Chemistry I  
 CHM 175 General/Inorg Chemistry II

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

BIO 112 General Biology I  
 BIO 113 General Biology II

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

CHM 263 Organic Chemistry I  
 CHM 273 Organic Chemistry II

Biochemistry – BIOC:3110

Not Offered at DMACC

Calculus for Biological Sciences –  
 MATH:1460

MAT 166 Calculus for Busn/Social Sci OR  
 MAT 211 Calculus I

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

PHY 106 Survey of Physics OR  
 PHY 160 General Physics I

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

BIO 164 Essentials Anatomy/Physiology OR  
 BIO 733 Health Science Anatomy AND  
 BIO 734 Health Science Physiology

Microbiology – MICR:3112

BIO 732 Health Science Microbiology OR  
 BIO 186 Microbiology

Statistics – STAT:XXXX

MAT 157 Statistics

Microeconomics – ECON:1100

ECN 130 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.