

**University of Iowa College of Pharmacy
Prerequisite Equivalents from
Northwest Iowa Community College, Sheldon, IA**

University of Iowa

Northwest Iowa Community College

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

ENG105-A Composition I AND
ENG106-A or ENG108-A Composition II AND
SPC112-A Public Speaking

Principles of Chemistry I – CHEM:1110

CHM163A General Chemistry I AND
CHM164-A General Chemistry I Lab

Principles of Chemistry II – CHEM:1120

CHM173-A General Chemistry II AND
CHM174-A General Chemistry II Lab

Foundations of Biology – BIOL:1411

BIO102-A Introductory Biology AND
BIO103-A Introductory Biology Lab

Diversity of Form & Function – BIOL:1412

BIO106-A Introductory Biology II AND
BIO-107A Introductory Biology II Lab

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

Not available
Not available

Biochemistry – BIOC:3110

Not available

Calculus for Biological Sciences – MATH:1460

MAT166-A Calculus for Business and Soc. Sci. OR
MAT210-A Calculus I OR

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

PHY110-A Survey of Physics I

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

BIO165-A Human Anatomy and Physiology I AND
BIO170-A Human Anatomy and Physiology II
OR
BIO168-A Human Anat. and Physiol. I w/Lab AND
BIO173-A Human Anat. and Physiol. II w/Lab

Microbiology – MICR:3112

BIO183-A Microbiology AND
BIO184-A Microbiology Lab

Statistics – STAT:XXXX (not STAT:1010)

MAT156-A Statistics

Microeconomics – ECON:1100

ECN130-A 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.