



PHARM.D. Prerequisite Coursework

The pre-pharmacy course requirements have been established to ensure that students who enter the professional program will have the requisite knowledge necessary to increase their potential for academic success in the University of Charleston School of Pharmacy Pharm.D. program.

Potential applicants may apply to the program without the completion of all prerequisite requirements. However, students must successfully complete all prerequisites, with a grade of a “C-” or higher, prior to the beginning of the professional program. While applicants are permitted to complete outstanding prerequisite courses during the summer prior to beginning the first professional year, they are strongly encouraged to complete all math and science requirements by the end of the spring semester prior to beginning the first professional year.

A bachelor’s degree is not required for admission into the University of Charleston School of Pharmacy program. This allows students to complete the prerequisites in as little as two to three years.

SCIENCE REQUIREMENTS

Course:	Total Credit Hours
General Biology with Labs.....	(8 credits)
General Chemistry with Labs.....	(8 credits)
Organic Chemistry with Labs.....	(8 credits)
Human Anatomy & Physiology with Labs.....	(8 credits)
Microbiology with Lab.....	(4 credits)

MATH REQUIREMENTS

Course:	Total Credit Hours
Calculus.....	(3 credits)
Statistics.....	(2 credits)

SOCIAL SCIENCE REQUIREMENTS

Course:	Total Credit Hours
Economics.....	(3 credits)
English Composition.....	(6 credits)
History or Political Science.....	(3 credits)
Psychology or Sociology.....	(3 credits)

HOW TO COMPLETE THE PREREQS IN TWO YEARS:

Fall Semester:

English I, Chemistry I & Lab, Biology I & Lab,
Psychology/Sociology

Spring Semester:

Statistics, English II, Chemistry II & Lab,
Biology II & Lab, History/Political Science

Fall Semester:

Calculus, Human Anatomy & Lab,
Organic Chemistry I & Lab, Microbiology & Lab

Spring Semester:

Human Physiology & Lab, Organic Chemistry II & Lab,
Economics

HOW TO COMPLETE THE PREREQS IN THREE YEARS:

Fall Semester:

English I, Chemistry I & Lab, Biology I & Lab

Spring Semester:

Statistics, English II, Chemistry II & Lab, Biology II & Lab

Fall Semester:

Calculus, Psychology/Sociology, Microbiology & Lab

Spring Semester:

History/Political Science, Human Anatomy & Lab

Fall Semester:

Economics, Organic Chemistry I & Lab, Human Physiology & Lab

Spring Semester:

Organic Chemistry II & Lab

Small Program
Meaningful Influence
SIGNIFICANT IMPACT

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