University at Buffalo
Office of Admissions and Advisement
School of Pharmacy and Pharmaceutical Sciences

Alfred University PharmD Advising Guide

Thank you for your interest in the University at Buffalo!

You are ready to apply via PharmCAS when you plan to have all undergraduate prerequisite courses completed by the end of the summer semester prior to fall matriculation. The following courses satisfy prerequisite expectations for our professional Doctor of Pharmacy [PharmD] degree program:

Pharmacy Prerequisite Courses	Alfred University Courses
Introductory Biology I with Laboratory	BIOL 150 Biological Foundations or BIOL 155 Biological Foundations: Research Project
Introductory Biology II with Laboratory	BIOL 212 Principles of Genetics or BIOL 213 Structure and Function of Organisms
General Chemistry I with Laboratory	CHEM 105 & 105L General Chemistry I and Lab
General Chemistry II with Laboratory	CHEM 106 & 106L General Chemistry II and Lab
Organic Chemistry I with Laboratory	CHEM 315 & 315L Organic Chemistry I and Lab
Organic Chemistry II with Laboratory	CHEM 316 & 316L Organic Chemistry II and Lab
Calculus I	MATH 151 Calculus I
Anatomy	BIOL 307 Anatomy and Physiology: Nerves, Muscles, Skeleton
Physiology	BIOL 308 Anatomy and Physiology: Viscera
Microbiology	BIOL 302 General Microbiology
Biochemistry	CHEM 420 Biochemistry: Proteins and Metabolism & CHEM 422 Biochemistry: Nucleic Acids
Statistics	BIOL 226 Biostatistics or MATH 381 Mathematical Statistics or PSYC 221 Psychological Research Methods and Statistics 1
English Composition I	ENGL 101 Writing I
English Composition II	ENGL 102 Writing II
Social Behavioral Science	Any course offered in ANTH, COMM, CRIM, ECON, ENVS, POLS, PSYC, SOCI

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